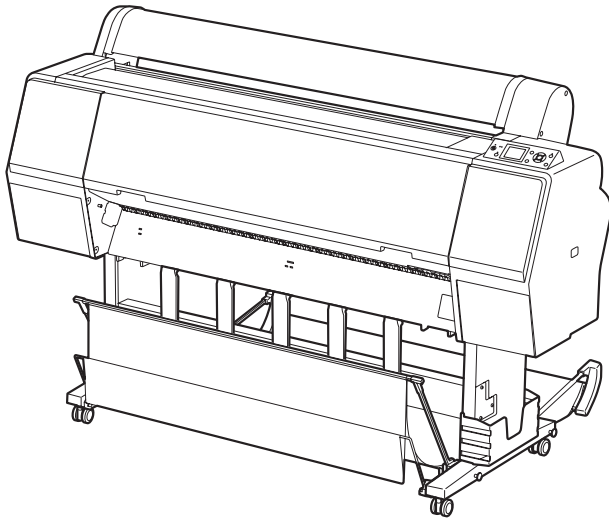


SERVICE MANUAL



Large Format Color Inkjet Printer

Epson Stylus Pro 7700
Epson Stylus Pro 7710
Epson Stylus Pro 7900
Epson Stylus Pro 7910
Epson Stylus Pro 9700
Epson Stylus Pro 9710
Epson Stylus Pro 9900
Epson Stylus Pro 9910
Epson Stylus Pro WT7900
Epson Stylus Pro WT7910

DEMO

PRECAUTIONS

Precautionary notations throughout the text are categorized relative to 1) Personal injury and 2) Damage to equipment.

DANGER Signals a precaution which, if ignored, could result in serious or fatal personal injury. Great caution should be exercised in performing procedures preceded by DANGER Headings.

WARNING Signals a precaution which, if ignored, could result in damage to equipment.

The precautionary measures itemized below should always be observed when performing repair/maintenance procedures.

DANGER

1. ALWAYS DISCONNECT THE PRODUCT FROM THE POWER SOURCE AND PERIPHERAL DEVICES PERFORMING ANY MAINTENANCE OR REPAIR PROCEDURES.
2. NO WORK SHOULD BE PERFORMED ON THE UNIT BY PERSONS UNFAMILIAR WITH BASIC SAFETY MEASURES AS DICTATED FOR ALL ELECTRONICS TECHNICIANS IN THEIR LINE OF WORK.
3. WHEN PERFORMING TESTING AS DICTATED WITHIN THIS MANUAL, DO NOT CONNECT THE UNIT TO A POWER SOURCE UNTIL INSTRUCTED TO DO SO. WHEN THE POWER SUPPLY CABLE MUST BE CONNECTED, USE EXTREME CAUTION IN WORKING ON POWER SUPPLY AND OTHER ELECTRONIC COMPONENTS.
4. WHEN DISASSEMBLING OR ASSEMBLING A PRODUCT, MAKE SURE TO WEAR GLOVES TO AVOID INJURY FROM METAL PARTS WITH SHARP EDGES.

WARNING

1. REPAIRS ON EPSON PRODUCT SHOULD BE PERFORMED ONLY BY AN EPSON CERTIFIED REPAIR TECHNICIAN.
2. MAKE CERTAIN THAT THE SOURCE VOLTAGES IS THE SAME AS THE RATED VOLTAGE, LISTED ON THE SERIAL NUMBER/RATING PLATE. IF THE EPSON PRODUCT HAS A PRIMARY AC RATING DIFFERENT FROM AVAILABLE POWER SOURCE, DO NOT CONNECT IT TO THE POWER SOURCE.
3. ALWAYS VERIFY THAT THE EPSON PRODUCT HAS BEEN DISCONNECTED FROM THE POWER SOURCE BEFORE REMOVING OR REPLACING PRINTED CIRCUIT BOARDS AND/OR INDIVIDUAL CHIPS.
4. IN ORDER TO PROTECT SENSITIVE MICROPROCESSORS AND CIRCUITRY, USE STATIC DISCHARGE EQUIPMENT, SUCH AS ANTI-STATIC WRIST STRAPS, WHEN ACCESSING INTERNAL COMPONENTS.
5. REPLACE MALFUNCTIONING COMPONENTS ONLY WITH THOSE COMPONENTS BY THE MANUFACTURE; INTRODUCTION OF SECOND-SOURCE ICs OR OTHER NON-APPROVED COMPONENTS MAY DAMAGE THE PRODUCT AND VOID ANY APPLICABLE EPSON WARRANTY.
6. WHEN AIR DUSTER IS USED ON THE REPAIR AND THE MAINTENANCE WORK, THE USE OF THE AIR DUSTER PRODUCTS CONTAINING THE INFLAMMABLE GAS IS PROHIBITED.

About This Manual

This manual describes basic functions, theory of electrical and mechanical operations, maintenance and repair procedures of the printer. The instructions and procedures included herein are intended for the experienced repair technicians, and attention should be given to the precautions on the preceding page.

Manual Configuration

This manual consists of six chapters and Appendix.

CHAPTER 1.PRODUCT DESCRIPTIONS

Provides a general overview and specifications of the product.

CHAPTER 2.OPERATING PRINCIPLES

Describes the theory of electrical and mechanical operations of the product.

CHAPTER 3.TROUBLESHOOTING

Describes the step-by-step procedures for the troubleshooting.

CHAPTER 4.DISASSEMBLY / ASSEMBLY

Describes the step-by-step procedures for disassembling and assembling the product.

CHAPTER 5.ADJUSTMENT

Provides Epson-approved methods for adjustment.

CHAPTER 6.MAINTENANCE

Provides preventive maintenance procedures and the lists of Epson-approved lubricants and adhesives required for servicing the product.

CHAPTER 7.APPENDIX

Provides the following additional information for reference:

- Connectors
- Panel Menu Maps
- ASP List
- Exploded Diagrams

Symbols Used in this Manual

Various symbols are used throughout this manual either to provide additional information on a specific topic or to warn of possible danger present during a procedure or an action. Be aware of all symbols when they are used, and always read NOTE, CAUTION, or WARNING messages.



Indicates an operating or maintenance procedure, practice or condition that is necessary to keep the product's quality.



Indicates an operating or maintenance procedure, practice, or condition that, if not strictly observed, could result in damage to, or destruction of, equipment.



May indicate an operating or maintenance procedure, practice or condition that is necessary to accomplish a task efficiently. It may also provide additional information that is related to a specific subject, or comment on the results achieved through a previous action.



Indicates an operating or maintenance procedure, practice or condition that, if not strictly observed, could result in injury or loss of life.



Indicates that a particular task must be carried out according to a certain standard after disassembly and before re-assembly, otherwise the quality of the components in question may be adversely affected.

Revision Status

Revision	Date of Issue	Description
A	October 20, 2008	First release
B	November 25, 2008	Full-fledged revision
C	March 27, 2009	Full-fledged revision
D	September 18, 2009	<ul style="list-style-type: none">• Full-fledged revision• Added Epson Stylus Pro 7700/Epson Stylus Pro 7710/Epson Stylus Pro 9700/Epson Stylus Pro 9710.
E	October 13, 2009	<ul style="list-style-type: none">• Full-fledged revision• Added Epson Stylus Pro WT7900/Epson Stylus Pro WT7910.

Contents

Chapter 1 PRODUCT DESCRIPTION

1.1 Product Description	10
1.2 Basic Specifications	13
1.2.1 Basic Specifications	13
1.2.2 Electric Specifications	13
1.2.3 Ink Specifications	14
1.2.4 General Specifications	15
1.2.5 Reliability/Durability	16
1.2.6 Auto Take-up Reel Unit	17
1.3 Printing Specifications	18
1.3.1 Paper Feed Specifications	18
1.3.2 Paper Specification	18
1.3.3 Printable Area	30
1.3.4 Borderless Printing Specification	31
1.3.5 Cutting of Roll Paper	32
1.4 Hardware Specifications	33
1.4.1 Dimensions and Weight	33
1.4.2 Part Names	34
1.4.3 Option Correspondence Table	35
1.5 Control Panel	36
1.5.1 Menu Mode Settings	45
1.5.2 Maintenance Mode	56
1.5.3 Serviceman Mode	57

Chapter 2 OPERATING PRINCIPLES

2.1 Main Body	79
2.1.1 Housing	79
2.1.2 Electric Circuit Components	80
2.1.3 Carriage Mechanism	81
2.1.4 APG Mechanism	82
2.1.5 Paper Feed Mechanism	83
2.1.6 Ink System	84
2.2 Options	87
2.2.1 Auto Take-up Reel	87
2.2.2 SpectroProofer	88

Chapter 3 TROUBLE SHOOTING

3.1 Overview	90
3.1.1 Preliminary Check	90
3.1.2 Troubleshooting Procedure	90
3.2 List of Error Messages	91
3.3 Remedies for Error Messages	95
3.4 Remedies for Error Messages related to SpectroProofer/Auto Take-up Reel ..	104
3.5 Remedies for Maintenance Requests	110
3.6 Remedies for Service Call Error	112
3.7 Remedies for Print Quality Troubles	129
3.7.1 Remedies for Print Quality Troubles when Using ClearProof Film	131

Chapter 4 DISASSEMBLY & ASSEMBLY

4.1 Overview	144
4.1.1 Precautions	144
4.1.2 Orientation Definition	146
4.1.3 Recommended Tools	147
4.1.4 Cautions when replacing the Main Board Assy/Power Supply Board Assy ..	148
4.1.5 Differences of the parts/components between models	149
4.2 Parts Diagram	156
4.3 Disassembly Flowchart	163
4.4 Disassembly and Assembly Procedure	169
4.4.1 Special operation for servicing	169
4.4.2 Housing	171
4.4.3 Electric Circuit Components	196
4.4.4 Carriage Mechanism	204
4.4.5 Paper Feed Mechanism	218
4.4.6 Ink System Mechanism	234
4.4.7 Auto Take-up Reel	274
4.4.8 SpectroProofer	286

Chapter 5 ADJUSTMENT

5.1 Overview	313
5.1.1 Precautions	313
5.1.2 Adjustment Items and the Order by Repaired Part	314
5.1.3 Description of Adjustments	316
5.1.4 Tools for Adjustments	318
5.1.5 Service Program Basic Operations	319
5.2 NV-RAM BACKUP UTILITY	324
5.3 CR Related Adjustment	325
5.3.1 CR Timing Belt Tension Adjustment	325
5.3.2 CR Encoder Sensor Adjustment	329
5.3.3 Head PG Adjustment	330
5.3.4 Cleaning PG Adjustment	332
5.4 Head Related Adjustments	334
5.4.1 Head Rank ID	334
5.4.2 Head Cleaning	336
5.4.3 Nozzle Check	337

5.4.4 Printhead Slant Adjustment (CR)	338
5.4.5 Printhead Slant Adjustment (PF)	341
5.4.6 Auto Uni-D Adjustment	343
5.4.7 Auto Bi-D Adjustment	344
5.4.8 Colorimetric Calibration (Color ID) with SpectroProofer	345
5.4.9 Absorber Position Check	361
5.4.10 Ink Mark Sensor Height Adjustment	362
5.4.11 Ink Mark Sensor Adjustment	363
5.4.12 Air Leak Check for Ink Supply System	364
5.4.13 Initial Ink Charge Flag ON/OFF	366
5.4.14 Initial Ink Charge	366
5.5 PF Related Adjustment	367
5.5.1 PF Timing Belt Tension Adjustment	367
5.5.2 Skew Check	369
5.5.3 Band Feed	370
5.5.4 T&B&S Adjustment	372
5.5.5 Paper Thickness Sensor Position Adjustment	374
5.5.6 PF Encoder Sensor Adjustment	377
5.5.7 Rear Sensor AD Adjustment	378
5.6 AID Related Adjustment	379
5.6.1 AID Function check	379
5.7 Other Adjustment	381
5.7.1 Setting Destination	381
5.7.2 Input CR/PF Motor Current	382
5.7.3 RTC and USB ID	383
5.7.4 Installing Firmware	384
5.7.5 Input Serial Number	386
5.7.6 Input MAC Address	387
5.7.7 Cut Position Adjustment	388
5.7.8 Ink Holder Adjustment	389
5.8 Clear Counters	390
5.9 Tests	391
5.9.1 Network Communication Check	391
5.9.2 Suction Fan Operation Check	391
5.9.3 Color LCD Display Check	392
5.9.4 Button Operation Check	392
5.9.5 Inspection of the SpectroProofer	393
5.10 Check Adjustments Results	406

Chapter 6 MAINTENANCE

6.1 Overview	408
6.2 Setting Up/Storing the Printer	410
6.2.1 Setting Up	410
6.2.2 Storing the Printer and Cleaning the Ink Path	410
6.3 Transportation	412
6.4 Cleaning	413
6.5 Lubrication	415

Chapter 7 APPENDIX

7.1 Block Wiring Diagram	423
7.1.1 Main Body	423
7.1.2 Auto Take-up Reel	424
7.1.3 SpectroProofer	424
7.2 Panel Menu Map	425
7.2.1 Epson Stylus Pro 7900/7910/9900/9910	425
7.2.2 Epson Stylus Pro 7700/7710/9700/9710	428
7.2.3 Epson Stylus Pro WT7900/WT7910	431
7.3 Part names used in this manual	434
7.4 Parts List	436
7.5 Exploded Diagram	445

CHAPTER

1

PRODUCT DESCRIPTION

1.1 Product Description

Epson Stylus Pro 7700/7710/7900/7910/9700/9710/9900/9910/WT7900/WT7910 is a wide-format color inkjet printer that supports up to 44 inch-wide (Super B0)/24 inch-wide (Super A1) paper. The main features are;

- Supports very large-sized paper

Maximum available paper width:

Epson Stylus Pro 9700/9710/9900/9910: 1,118 mm (44 inch)

Epson Stylus Pro 7700/7710/7900/7910/WT7900/WT7910: 610 mm (24 inch)

- Ink configuration

- Epson Stylus Pro 7900/7910/9900/9910

Installs the following 11 ink cartridges including newly developed colors; orange and green. The ink selector function is equipped, and black ink can be switched between Photo Black and Matte Black depending on media type.

Table 1-1. Ink Colors (Epson Stylus Pro 7900/7910/9900/9910)

Color	Abbreviation
Photo Black	PK
Matte Black	MK
Cyan	C
Vivid Magenta	VM
Yellow	Y
Light Cyan	Lc
Orange	O
Green	G
Light Cyan	LC
Vivid Light Magenta	VLM
Light Black	LK
Light Light Black	LLK

- Epson Stylus Pro 7700/7710/7900/7910

Consists of the following 5 colors. Switching between photo Black and Matte Black by the ink selector is not necessary, because ink is assigned in colors by nozzles.

Table 1-2. Ink Colors (Epson Stylus Pro 7700/7710/9700/9710)

Color	Abbreviation
Photo Black	PK
Matte Black	MK
Cyan	C
Vivid Magenta	VM
Yellow	Y

- Epson Stylus Pro WT7900/WT7910

Consists of the following 9 colors including newly developed white. When the white ink is not necessary to use, it can be changed to cleaning liquid to protect the printhead.

Table 1-3. Ink Colors (Epson Stylus Pro 7700/7710/9700/9710)

Color	Abbreviation
Photo Black	PK
White	WT
Cyan	C
Vivid Magenta	VM
Yellow	Y
Orange	O
Green	G
Light Cyan	LC
Vivid Light Magenta	VLM
Cleaning Liquid	CL

☐ Super high print quality

Achieves high quality printing with 11 colors of ink, resolution of up to 2880 x 1440 dpi, and variable dot sizes (minimal 3.5 picoliter)

For Epson Stylus Pro 7700/7710/9700/9710, the ink consists of 5 colors.

For Epson Stylus Pro WT7900/WT7910, the ink consists of 9 colors.

☐ Lower running cost

- Employs super high-capacity independent ink cartridges
- Equips the on-demand cleaning function without excessive suction of ink using the independent ink suction system for every two rows and the AID function

☐ Media handling

- Supports a variety of media
- Spindle-less makes roll paper handling easier
- Paper basket comes as standard
- Stores roll paper usage history and updates it automatically by reading a barcode. This enables automatic detection of remaining amount of the paper.
- Equips high speed auto cutter for roll paper
- Borderless print is supported

☐ The latest-type RIP

Supports software RIP made by other companies

☐ Options

The following options are available.

- Auto Take-up Reel
(Epson Stylus Pro 9700/9710/9900/9910 only)
Winds the roll paper automatically
- SpectroProofer
(Epson Stylus Pro 7900/7910/7700/7710/WT7900/WT7910 only)
Enables color measurement after printing

☐ Nozzle set configuration

	1	2	3	4	5	6	7	8	9	10
Epson Stylus Pro 7900/7910/9900/9910	C	M	PK/MK	GY	O	G	LGY	Y	VLM	LC
Epson Stylus Pro 7700/7710/9700/9710	C	VM	Y	PB	MK	MK	PB	Y	VM	C
Epson Stylus Pro WT7900/WT7910	C	M	WT/CL	O	G	PK	Y	LM	VLM	LC

Note : 1-row starting from the left facing the front of the printer.

☐ Ink configuration

	1	2	3	4	5	6	7	8	9	10	11
Epson Stylus Pro 7900/7910/9900/9910	C	O	Y	LC	MK	PK	VM	GY	G	LGY	VLM
Epson Stylus Pro 7700/7710/9700/9710	VM	C	PK	Y	MK	---	---	---	---	---	---
Epson Stylus Pro WT7900/WT7910	C	O	Y	LC	WT	CL	VM	CL	G	PK	VLM

Note : 1-row starting from the left facing the front of the printer.

□ SpectroProofer (Option)

- Mounting the SpectroProofer equipped with the drying function makes automatic color measurement after printing available.
- Full-fledged spectrophotometer realizes high precision color measurement.
- Selectable from specifications with/without the UV filter, which enables the users to configure colorimetric system adjusted with their workflow
- Cooling fans for drying ink stabilizes color in less than 2 minutes.
- Paper pressing function prevents degrading precision of colorimetry caused by floating of paper.
- Selectable from the white backing or the black backing

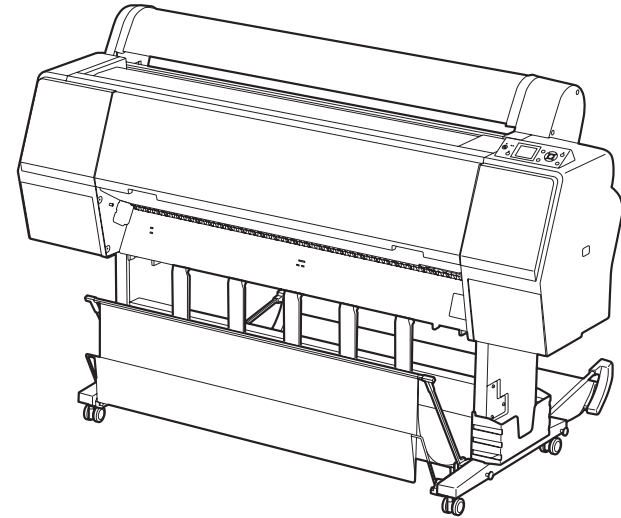


Figure 1-1. External View (Main body)

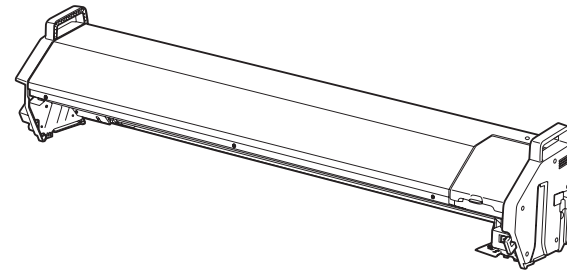


Figure 1-2. External View (SpectroProofer)

1.2 Basic Specifications

1.2.1 Basic Specifications

Item	Specification		
	Epson Stylus Pro 7900/7910/9900/9910	Epson Stylus Pro 7700/7710/9700/9710	Epson Stylus Pro WT7900/WT7910
Print method	On-demand inkjet		
Nozzle configuration	Black system: 360 nozzles x three colors (Photo black/Matte black, Light black, Light light black)	Black system: 360 nozzles x two rows x two colors (Photo black, Matte black)	Black system: 360 nozzles x one row x one color (Photo black) White system: 360 nozzles x one row x one color
	Color system: 360 nozzles x seven colors (Cyan, Light Cyan, Vivid magenta, Vivid light magenta, Yellow, Orange, Green)	Color system: 360 nozzles x two rows x three colors (Cyan, Vivid magenta, Yellow)	Color system: 360 nozzles x seven colors (Cyan, Light Cyan, Vivid magenta, Vivid light magenta, Yellow, Orange, Green) Maintenance liquid: 360 nozzle x 1
Printing direction	Bi-directional shortest-direction printing (high-speed return, high-speed skip)		
Maximum resolution	2,880dpi x 1,440dpi		1,440dpi x 1,440dpi
Control code	ESC/P2, ESC/P3 (commands are nondisclosure)		
Paper feed method	Friction		
RAM	256 MB for Main, 64 MB for Network		
Interface	USB 2.0 High Speed Ethernet 10/100		

1.2.2 Electric Specifications

Item		Specification	
		Epson Stylus Pro 9700/9710/9900/9910	Epson Stylus Pro 7700/7710/7900/7910/WT7900/WT7910/WT7900/WT7910
Rated voltage		100 to 240 VAC	
Input voltage range		90 to 264 VAC	
Rated frequency		50 to 60 Hz	
Input frequency range		49.5 to 60.5 Hz	
Rated current		1.0 A to 0.5 A	
Power consumption	Operating	Approx. 80 W	Approx. 70 W
	Sleep mode	Approx. 16 W	
	Standby	Less than 1W	
Insulation resistance		10MΩ or more (between AC line and chassis at 500 VDC)	
Dielectric strength		1.0 kVrms AC for 1 min. or 1.2 kVrms AC for 1 sec. (between AC line and chassis)	
Leak current		0.25 mA or less	
Compliance with regulations		Conforms to International Energy Star Program (Category: the harmonic restraint measure guideline) Conforms to VCCI Class B (with full options installed)	

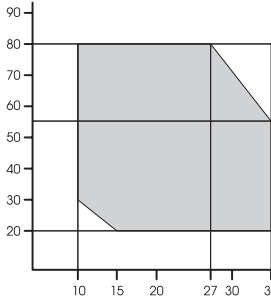
1.2.3 Ink Specifications

Item		Specification		
		Epson Stylus Pro 7900/7910/9900/9910	Epson Stylus Pro 7700/7710/9700/9710	Epson Stylus Pro WT7900/WT7910
Form		Exclusive ink cartridge		
Pigment Ink colors		Black system: Photo black, Matte black, Light black, Light light black	Black system: Photo black, Matte black	Black system: Photo black
				White system: White
		Color system: Cyan, Light Cyan, Vivid magenta, Vivid light magenta, Yellow, Orange, Green	Color system: Cyan, Vivid magenta, Yellow	Color system: Cyan, Light Cyan, Vivid magenta, Vivid light magenta, Yellow, Orange, Green
				Maintenance system: Cleaning Liquid
Cartridge life		By the date written on the package or the cartridge (at normal temperature)		
Guaranteed life after installation		Within 6 months after mounted in the printer		
Storage	Uninstalled (packed)	-20 to 40 °C (within 1 month under 40 °C)		
	Installed	-20 to 40°C (within 1 month under 40 °C)		
	Transporting (packed)	-20 to 60 °C (within 72 hours under 60 °C, and within 1 month under 40 °C)		
Capacity		350 ml/700 ml	150 ml/350 ml/700 ml	
Dimensions	150 ml	N/A	40 (W) x 240 (L) x 107 (H)	
	350 ml	40 (W) x 240 (L) x 107 (H)		
	700ml	40 (W) x 320 (L) x 107 (H)		
Maintenance Tank		C12C890191 / C12C890193	C12C890501 / C12C890502	C12C890191 / C12C890193

CAUTION


- Ink will be frozen if left under below -15°C circumstances for a long time. In such a case, leave it in the room temperature more than 4 hours to melt the frozen ink before using it. (no condensation)
- Never disassemble ink cartridges or refill ink in them.

1.2.4 General Specifications

Item	Specification
Temperature	Operating: 10 to 35 °C Storage (before unpacked): -20 to 60 °C (within 120 hours under 60 °C, and within 1 month under 40 °C) Storage (after unpacked): -20 to 40 °C (within 1 month under 40°C)
Humidity	Operating: 20 to 80% (no condensation) Storage (before unpacked): -20 to 85% (no condensation) Storage (after unpacked): 5 to 85% (no condensation) <div><div>Humidity (%)</div><div>Temperature (°C)</div></div>

1.2.5 Reliability/Durability

☐ Main Body

Item		Specification				
		Epson Stylus Pro 9900/ Epson Stylus Pro 9910	Epson Stylus Pro 7900/ Epson Stylus Pro 7910	Epson Stylus Pro 9700/ Epson Stylus Pro 9710	Epson Stylus Pro 7700/ Epson Stylus Pro 7710	Epson Stylus Pro WT7900/ Epson Stylus Pro WT7910
Operating life of the printer		Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> Carriage life: 5,000,000 paths <input type="checkbox"/> Approx. 20,000 pages (Super B0 size/Plain paper, Quality mode/ 720x360 dpi)	Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> Carriage life: 5,000,000 paths <input type="checkbox"/> Approx. 20,000 pages (Super B0 size/Plain paper, Quality mode/ 720x720 dpi)	Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> Carriage life: 2,900,000 paths <input type="checkbox"/> Approx. 20,000 pages (Super A1 size/Plain paper/Quality mode/ 720x360 dpi)	Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> Carriage life: 2,900,000 paths <input type="checkbox"/> Approx. 20,000 pages (Super A1 size/Plain paper/Quality mode/ 720x720 dpi)	Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> Carriage life: 5,000,000 paths <input type="checkbox"/> Approx. 20,000 pages (Super A1 size/Plain paper/Quality mode/ 720x720 dpi)
Cutter life (reference)		<input type="checkbox"/> Auto cutter: Total 100,000 cuts or more (Only genuine media are guaranteed.) <input type="checkbox"/> Standard paper: approx. 20,000 cuts or more <input type="checkbox"/> Hard cut paper: approx. 5,000 cuts or more				
Parts life	RTC backup battery*	5 years or longer				
	Pump Cap motor	Approx. 20,000 pages (reference value) (Super B0 size /EPSON paper/Quality mode/Continuous printing/720x720 dpi)		Approx. 20,000 pages (reference value) (Super A1 size /EPSON paper/Quality mode/Continuous printing/720x720 dpi)		Approx. 20,000 pages (reference value) (Super B0 size /EPSON paper/Quality mode/Continuous printing/720x720 dpi)
	CR motor*, Drive pulley*, Carriage unit*, FFC*	Approx. 5,000,000 paths		Approx. 2,900,000 paths		Approx. 5,000,000 paths
	Ink tube	10,000,000 paths		5,800,000 paths		12,600,000 paths

Note *: These values are provided only as a guide. Service call is not indicated for these parts.

☐ SpectroProofer

Item	Specified values
Mounter	Until any one of the following conditions is met. <input type="checkbox"/> 5 years <input type="checkbox"/> 200,000 paths for color measurement

1.2.6 Auto Take-up Reel Unit

Item	Specified values
Paper Width	406 to 1,118 mm
Paper length	2-inch core: 1.3 to 40 m 3-inch core: 1.6 to 30.5 m
Rotation speed	Max. 40 rpm
Weight	6.9 kg
Environment	Temperature: 10 to 35 °C Humidity: 20 to 80%
Rated voltage	AC 100 to 240 V
Input voltage range	AV 90 to 264 V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz
Rated current	0.2 A
Power consumption	Approx. 9 W Approx. 3 W in Ready Mode

1.3 Printing Specifications

1.3.1 Paper Feed Specifications

Item	Specification
Paper feed method	Friction feed
Return pitch	2.2049 μ m (1/11,520 inch)
Paper feeder	<input type="checkbox"/> Roll paper manual feed <input type="checkbox"/> Cut sheet manual feed
Feed speed	300 ms/ (1/6 inch)

1.3.2 Paper Specification

1.3.2.1 Supported Paper

The following explains the supported paper sizes and thickness.



- Do not use wrinkled, scuffed, torn, or soiled paper.
- Load paper just before printing. Do not leave paper loaded on the printer when not printing. Store paper properly following the instruction that comes with the paper.
- When large quantities of paper need to be prepared in advance, make a test print using the paper before purchase.

ROLL PAPER

Item	Specification
Paper type	Plain paper, recycled paper, others
Roll paper size	2-inch core: Outer diameter 103 mm or less x 1 roll 3-inch core: Outer diameter 150 mm or less x 1 roll
Paper size W x L (within roll paper size)	<input type="checkbox"/> Epson Stylus Pro 9700/9710/9900/9910: 2-inch core: 254 to 1118 mm x 45 m 3-inch core: 254 to 1118 mm x 202 m
	<input type="checkbox"/> Epson Stylus Pro 7700/7710/7900/7910/WT7900/WT7910: 2-inch core: 254 to 610 mm x 45 m 3-inch core: 254 to 610 mm x 202 m
Paper thickness	Plain paper, recycled paper: 0.08 to 0.11 mm (Weight: 64 to 90 g/m ²) Others: 0.08 to 0.50 mm
Available width for borderless printing	10 inches, 300 mm, 13 inches (Super A3), 16 inches, 17 inches, 515 mm (B2), 594 mm (A1), 24 inches (Super A1), 728 mm (B1), 36 inches (Super A0), 44 inches (Super B0)

Note : Borderless printing is not available for Epson Stylus Pro WT7900/WT7910.

CUT SHEET

Item	Specification
Paper type	Plain paper, recycled paper, others
Paper type	<input type="checkbox"/> Epson Stylus Pro 9700/9710/9900/9910: Width: 210 to 1118 mm Length: 279.4 to 1580 mm (A4 to Super B0)
	<input type="checkbox"/> Epson Stylus Pro 7700/7710/7900/7910/WT7900/WT7910: Width: 210 to 610 mm Length: 279.4 to 914 mm (A4 to Super A1)
Paper thickness	Plain paper, recycled paper: 0.08 to 0.11 mm (Weight: 64 to 90 g/m ²)
	Others: Length 279 to 728 mm: 0.08 to 1.50 mm Length over 728 to 2032 mm: 0.08 to 0.50 mm
Available width for borderless printing	10 inches, 300 mm, 13 inches (Super A3), 16 inches, 17 inches, 515 mm (B2), 594 mm (A1), 24 inches (Super A1), 728 mm (B1), 36 inches (Super A0), 44 inches (Super B0)

Note : Borderless printing is not available for Epson Stylus Pro WT7900/WT7910.

1.3.2.2 Designated Paper

ROLL PAPER

Note *1: OK!: Recommended for borderless printing

OK: Borderless printing is available

NA: Borderless printing is NOT available

Borderless printing on the borderless printing available paper (OK) may result in drop in print quality or fail to produce complete borderless (white margins may appear) due to expanding of the paper. Borderless printing can be made on commercially available paper, however, note that the availability is restricted by the paper size.

*2: Not supported for Epson Stylus Pro 7700/7710/7900/7910/WT7900/WT7910.

*3: Auto Take-up Reel Unit is used. (only Pro 9700/9710/9900/9910)

*4: When using the tensioner included in the Auto Take-up Reel Unit of Pro 9700/9710/9900/9910.

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print ^{*1}	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower:Pro7700/7710/9700/9710	Driver Setting		Take-up ^{*3}		Auto Cut	Black Ink	Applied model		
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Premium Glossy Photo Paper (250)	406mm	16"	OK!	0.27mm	3"	Standard	• Photo Black: Pro9900_7900 PremiumGlossyPhotoPaper250.icc • Matte Black: ---	Photo Paper	Premium Glossy Photo Paper (250)	✓	✓	OK	PK	✓	✓	✓
	610mm	24"					• Photo Black: Epson Stylus Pro 7700_7710_9700_9710 PremiumGlossyPhotoPaper250.icc • Matte Black: ---									
	914mm*2	36"*2														
	1118mm*3	44"*2														
Premium Semigloss Photo Paper (250)	406mm	16"	OK!	0.27mm	3"	Standard	• Photo Black: Pro9900_7900 PremiumGlossyPhotoPaper250.icc • Matte Black: ---	Photo Paper	Premium Semigloss Photo Paper (250)	✓	✓	OK	PK	✓	✓	
	610mm	24"					• Photo Black: Epson Stylus Pro 7700_7710_9700_9710 PremiumGlossyPhotoPaper250.icc • Matte Black: ---									
	914mm*2	36"*2														
	1118mm*2	44"*2														

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print*1	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower:Pro7700/7710/9700/9710	Driver Setting		Take-up*3		Auto Cut	Black Ink	Applied model		
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Premium Luster Photo Paper (260)	254mm	10"	OK!	0.27mm	3"	Standard	• Photo Black: Pro9900_7900 PremiumLusterPhotoPaper260.icc • Matte Black: ---	Photo Paper	Premium Luster Photo Paper (260)	NA	NA	OK	PK	✓	✓	
	300mm	12"														
	406mm	16"														
	508mm	20"	NA													
	610mm	24"	OK!													
	914mm*2	36"*2														
	1118mm*2	44"*2														
Premium Semimatte Photo Paper (260)	406mm	16"	OK!	0.27mm	3"	Standard	• Photo Black: Pro9900_7900 PremiumSemimattePhotoPaper260.icc • Matte Black: ---	Photo Paper	Premium Semimatte Photo Paper (260)	✓	✓	OK	PK	✓	✓	
	610mm	24"														
	914mm*2	36"*2					• Photo Black: Epson Stylus Pro 7700_7710_9700_9710 PremiumSemimattePhotoPaper260.icc • Matte Black: ---									
	1118mm*2	44"*2														
Photo Paper Gloss 250	432mm	17"	OK!	0.25mm	3"	Normal	• Photo Black: Pro9900_7900 PhotoPaperGloss250.icc • Matte Black: ---	Photo Paper	Photo Paper Gloss 250	✓	✓	OK	PK	✓	✓	
	610mm	24"														
	914mm*2	36"*2					• Photo Black:Epson Stylus Pro 7700_7710_9700_9710PhotoPaper Gloss 250.icc • Matte Black: ---									
	1118mm*2	44"*2														

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print ^{*1}	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower:Pro7700/7710/9700/9710	Driver Setting		Take-up ^{*3}		Auto Cut	Black Ink	Applied model		
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Premium Glossy Photo Paper (170)	420mm (A2)		NA	0.18mm	2"	Standard	• Photo Black: Pro9900_7900 PremiumGlossyPhotoPaper170.icc • Matte Black: ---	Photo Paper	Premium Glossy Photo Paper (170)	✓	✓	OK	PK	✓	✓	
	610mm	24"	OK!													
	914mm*2	36"*2														
	1118mm*2	44"*2														
Premium Semigloss Photo Paper (170)	420mm (A2)		NA	0.18mm	2"	Standard	• Photo Black: Pro9900_7900 PremiumSemiglossPhotoPaper170.icc • Matte Black: ---	Photo Paper	Premium Semigloss Photo Paper (170)	✓	✓	OK	PK	✓	✓	
	610mm	24"	OK!													
	914mm*2	36"*2														
	1118mm*2	44"*2														
Epson Proofing Paper White Semimatte	330mm	13"	OK	0.25mm	3"	Standard	• Photo Black: Pro9900_7900 EpsonProofingPaperWhiteSemimatte.icc • Matte Black: ---	Proofing Paper	Epson Proofing Paper White Semimatte	---	---	OK	PK	✓		✓
	432mm	17"														
	610mm	24"					---									
	914mm*2	36"*2														
	1118mm*2	44"*2														
Epson Proofing Paper Publication	330mm	13"	OK	0.20mm	3"	Standard	• Photo Black: Pro9900_7900 EpsonProofingPaperPublication.icc • Matte Black: ---	Proofing Paper	Epson Proofing Paper Publication	---	---	OK	PK	✓		
	432mm	17"														
	610mm	24"					---									
	914mm*2	36"*2														
	1118mm*2	44"*2														

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print ^{*1}	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower:Pro7700/7710/9700/9710	Driver Setting		Take-up ^{*3}		Auto Cut	Black Ink	Applied model									
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910							
Epson Proofing Paper Commercial	330mm	13"	OK	0.20mm	3"	Standard	• Photo Black: Pro9900_7900 EpsonProofingPaperCommercial.icc • Matte Black: ---	Proofing Paper	Epson Proofing Paper Commercial	---	---	OK	PK	✓		✓							
	432mm	17"								✓	✓												
	610mm	24"																					
	914mm*2	36"*2																					
	1118mm*2	44"*2																					
Enhanced Synthetic Paper	610mm	24"	OK	0.12mm	2"	Higher	• Photo Black: --- • Matte Black: Pro9900_7900 EnhancedSyntheticPaper.icc	Others	Enhanced Synthetic Paper	✓	✓	OK	MK	✓	✓								
	1118mm*2	44"*2					• Photo Black: --- • Matte lack: Epson Stylus Pro7700_7710_9700_9710 EbhancedSynthetic Paper.icc																
Enhanced Adhesive Synthetic Paper	610mm	24"	OK	0.17mm	2"	High	• Photo Black: --- • Matte Black: Pro9900_7900 EnhancedAdhesiveSyntheticPaper.icc	Others	Enhanced Adhesive Synthetic Paper	✓	✓	OK	MK	✓	✓								
	1118mm*2	44"*2					• Photo Black: --- • Matte Black: Epson Stylus Pro7700_7710_9700_9710 EnhancedAdhesiveSyntheticPaper.icc																
Doubleweight Matte Paper	610mm	24"	OK!	0.21mm	2"	Standard	• Photo Black: --- • Matte Black: Pro9900_7900 DoubleweightMattePaper.icc	Matte Paper	Doubleweig ht Matte Paper	✓ ^{*4}	NA	OK	MK	✓	✓								
	914mm*2	36"*2																					
	1118mm*2	44"*2																					

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print ^{*1}	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting		Take-up ^{*3}		Auto Cut	Black Ink	Applied model		
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Enhanced Matte Paper	432mm	17"	OK	0.25mm	3"	Standard	<ul style="list-style-type: none"> Photo Black: Pro9900_7900 EnhancedMattePaper_PK.icc Matte Black: Pro9900_7900 EnhancedMattePaper_MK.icc Photo Black: --- Matte Black: Epson Stylus Pro7700_7710_9700_9710 EnhancedMattePosterBoard.icc 	Matte Paper	Enhanced Matte Paper	✓	NA	OK	MK	✓	✓	
	610mm	24"														
	914mm*2	36"*2														
	1118mm*2	44"*2														
Singleweight Matte Paper	432mm	17"	OK!	0.14mm	2"	Standard	<ul style="list-style-type: none"> Photo Black: --- Matte Black: Pro9900_7900SingleweightMattePaper.icc Photo Black: --- Matte Black: Epson Stylus Pro7700_7710_9700_9710 SingleweightMattePaper.icc 	Matte Paper	Singleweight Matte Paper	✓ ^{*4}	NA	OK	MK	✓	✓	
	610mm	24"														
	914mm*2	36"*2														
	1118mm*2	44"*2														
Singleweight Matte Paper (Line Drawing)	432mm	17"	OK!	0.14mm	2"	Standard	--- <ul style="list-style-type: none"> Photo Black: --- Matte Black: Epson Stylus Pro7700_7710_9700_9710 SingleweightMattePaper.icc 	Matte Paper	Singleweight Matte Paper (Line Drawing)	✓ ^{*4}	NA	OK	MK		✓	
	610mm	24"														
	914mm*2	36"*2														
	1118mm*2	44"*2														
Watercolor Paper - Radiant White	610mm	24"	OK	0.29mm	3"	High	<ul style="list-style-type: none"> Photo Black: Pro9900_7900 WatercolorPaper-RadiantWhite_PK.icc Matte Black: Pro9900_7900 WatercolorPaper-RadiantWhite_MK.icc 	Fine Art Paper	Watercolor Paper - Radiant White	✓	✓	OK	PK/MK	✓		
	914mm*2	36"*2														
	1118mm*2	44"*2														

Table 1-4. Designated Roll Paper List

Name	Size		Borderless Print*1	Thickness	Core Diameter	Roll Paper Tension	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting		Take-up*3		Auto Cut	Black Ink	Applied model		
	mm	inch								Forward	Backward			Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
UltraSmooth Fine Art Paper	432mm	17"	OK	0.32mm	3"	High	<ul style="list-style-type: none"> Photo Black: Pro9900_7900 UltraSmoothFineArtPaper_PK.icc Matte Black: Pro9900_7900 UltraSmoothFineArtPaper_MK.icc 	Fine Art Paper	UltraSmooth Fine Art Paper	✓	✓	OK	PK/MK	✓		
	610mm	24"														
	1118mm*2	44"*2					---									
Textured Fine Art Paper	432mm	17"	OK	0.37mm	3"	High	<ul style="list-style-type: none"> Photo Black: Pro9900_7900 TexturedFineArtPaper_PK.icc Matte Black: Pro9900_7900 TexturedFineArtPaper_MK.icc 	Fine Art Paper	Textured Fine Art Paper	✓	✓	OK	PK/MK	✓		
	610mm	24"														
	914mm*2	36"*2														
	1118mm*2	44"*2					---									
Canvas	610mm	24"	OK	0.46mm	2"	Standard	<ul style="list-style-type: none"> Photo Black: Pro9900_7900 Canvas_PK.icc Matte Black: Pro9900_7900 Canvas_MK.icc 	Fine Art Paper	Canvas	✓	✓	OK	PK/MK	✓		
	914mm*2	36"*2														
	1118mm*2	44"*2					---									
Epson ClearProof Film	432mm	17"	NA	0.15mm	2"	Standard	---	---	---	---	---	OK	PK			✓
	610mm	24"														

CUT SHEET

Note *1: OK!: Recommended for borderless printing

OK: Borderless printing is available

NA: Borderless printing is NOT available

Borderless printing on the borderless printing available paper (OK) may result in drop in print quality or fail to produce complete borderless (white margins may appear) due to expanding of the paper. Borderless printing can be made on commercially available paper, however, note that the availability is restricted by the paper size.

*2: Not supported for Epson Stylus Pro 7700/7710.

Table 1-5. Designated Cut Sheet List

Name	Size	Borderless Print*1	Thickness	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting		Black Ink	Applied model		
								Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Premium Glossy Photo Paper	Super A3/B	OK	0.27mm	<ul style="list-style-type: none">• Photo Black: Pro9900_7900PremiumGlossyPhotoPaper.icc• Matte Black: ---	Photo Paper	Premium Glossy Photo Paper	PK	✓	✓	✓
	A2	NA		<ul style="list-style-type: none">• Photo Black: Epson Stylus Pro 7700_7710_9700_9710PremiumGlossyPhotoPaper.icc• Matte Black: ---						
Premium Semigloss Photo Paper	Super A3/B	OK	0.27mm	<ul style="list-style-type: none">• Photo Black: Pro9900_7900PremiumSemiglossPhotoPaper.icc• Matte Black: ---	Photo Paper	Premium Semigloss Photo Paper	PK	✓	✓	
	A2	NA								
	US-C	OK								

Table 1-5. Designated Cut Sheet List

Name	Size	Borderless Print*1	Thickness	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting	Black Ink	Applied model		
							Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Premium Luster Photo Paper	Super A3/B	OK	0.27mm	<ul style="list-style-type: none"> Photo Black: Pro9900_7900PremiumLusterPhotoPaper.icc Matte Black: --- 	Photo Paper	Premium Luster Photo Paper	PK	✓	✓
	A2	NA		<ul style="list-style-type: none"> Photo Black: Epson Stylus Pro 7700_7710_9700_9710PremiumLusterPhotoPaper.icc Matte Black: --- 					
	US-C	OK					NA		
Archival Matte Paper/Enhanced Matte Paper	Super A3/B	OK	0.26mm	<ul style="list-style-type: none"> Photo Black: Pro9900_7900ArchivalMattePaper_PK.icc Matte Black: --- Pro9900_7900ArchivalMattePaper_MK.icc 	Matte Paper	Archival Matte Paper/Enhanced Matte Paper	PK/MK	✓	✓
	A2	NA		<ul style="list-style-type: none"> Photo Black: --- Matte Black: Epson Stylus Pro 7700_7710_9700_9710ArchivalMattePaper.icc Epson Stylus Pro 7700_7710_9700_9710EnhancedMattePaper.icc 					
	US-C	OK					NA		
Singleweight Matte Paper	Super A3/B	OK	0.14mm	<ul style="list-style-type: none"> Photo Black: --- Matte Black: Pro9900_7900SingleweightMattePaper.icc 	Matte Paper	Singleweight Matte Paper	MK	✓	
	A2	NA		---					

Table 1-5. Designated Cut Sheet List

Name	Size	Borderless Print ^{*1}	Thickness	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting	Black Ink	Applied model		
							Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Photo Quality Inkjet Paper	Super A3	OK	0.12mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900PhotoQualityInkJetPaper.icc • Matte Black: --- 	Matte Paper	Photo Quality Inkjet Paper	MK	✓	✓
	A2	NA		<ul style="list-style-type: none"> • Photo Black: --- • Matte Black: Epson Stylus Pro7700_7710_9700_9710PhotoQualityInkPaper.icc 				NA	
	US-C	OK							
Epson Proofing Paper White Semimatte	Super A3/B	OK	0.25mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900EpsonProofingPaperWhiteSemimatte.icc • Matte Black: --- 	Proofing Paper	Epson Proofing Paper White Semimatte	PK/MK	✓	
Watercolor Paper - Radiant White	Super A3/B	OK	0.29mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900WatercolorPaper-RadiantWhite_PK.icc • Matte Black: Pro9900_7900WatercolorPaper-RadiantWhite_MK.icc 	Fine Art Paper	Watercolor Paper - Radiant White	PK/MK	✓	
UltraSmooth Fine Art Paper	Super A3	OK	0.46mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900UltraSmoothFineArtPaper_PK.icc • Matte Black: Pro9900_7900UltraSmoothFineArtPaper_MK.icc 	Fine Art Paper	UltraSmooth Fine Art Paper	PK/MK	✓	
	A2	NA		---					
Velvet Fine Art Paper	Super A3/B	OK	0.48mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900VelvetFineArtPaper_PK.icc • Matte Black: Pro9900_7900VelvetFineArtPaper_MK.icc 	Fine Art Paper	Velvet Fine Art Paper	PK/MK	✓	
	A2	NA		---					

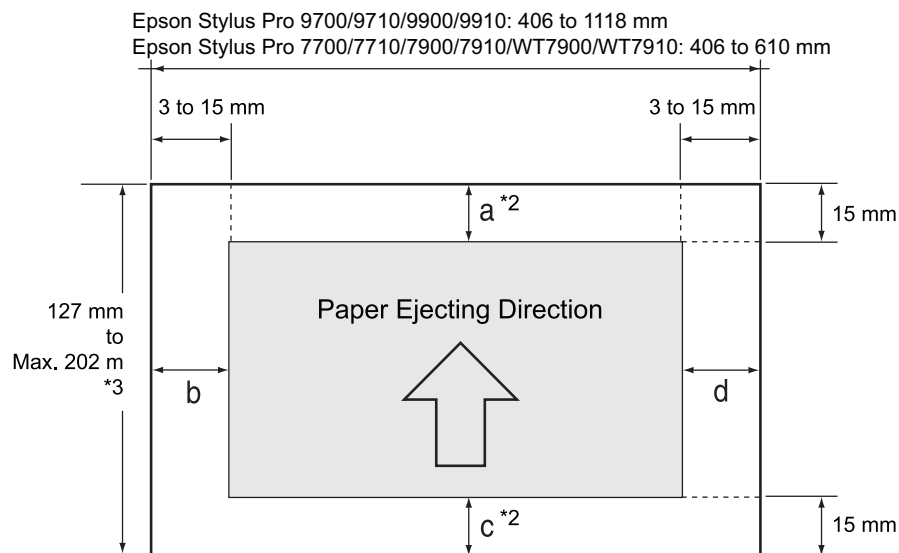
Table 1-5. Designated Cut Sheet List

Name	Size	Borderless Print*1	Thickness	ICC Profile Upper: Pro7900/7910/9900/9910 Lower: Pro7700/7710/9700/9710	Driver Setting	Black Ink	Applied model		
							Pro7900/7910/9900/9910	Pro7700/7710/9700/9710	ProWT7900/WT7910
Textured Fine Art Paper	24" x 30"	OK	0.67mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900TexturedFineArtPaper_PK.icc • Matte Black: Pro9900_7900TexturedFineArtPaper_MK.icc 	Fine Art Paper	Textured Fine Art Paper	PK/MK	✓	
	36" x 44"			---					
Enhanced Matte Posterboard	24" x 30"	OK	1.30mm	<ul style="list-style-type: none"> • Photo Black: Pro9900_7900EnhancedMattePosterBoard_PK.icc • Matte Black: Pro9900_7900EnhancedMattePosterBoard_MK.icc 	Others	Enhanced Matte Poster Board	PK/MK	✓	✓
	30" x 40"*2			<ul style="list-style-type: none"> • Photo Black: --- • Matte Black: Epson Stylus Pro 7700_7710_9700_9710EnhancedMattePosterBoard.icc 					

1.3.3 Printable Area

ROLL PAPER

Margins for roll paper depends on the ROLL PAPER MARGIN settings in the PRINTER SETUP menu.



ROLL PAPER MARGIN settings	Explanation
Default	$a = c = 15 \text{ mm} * 1$
	$b = d = 3 \text{ mm}$
TOP/BOTTOM 15mm	$a = c = 15 \text{ mm}$
	$b = d = 3 \text{ mm}$
TOP 35/BOTTOM 15MM	$a = 35 \text{ mm}$
	$c = 15 \text{ mm}$
	$b = d = 3 \text{ mm}$
3mm	$a, b, c, d = 3 \text{ mm}$
	$a, b, c, d = 15 \text{ mm}$

Note **1*: When the Default is selected, “a” becomes 20mm and “c” becomes 15mm for the following paper types; Premium Glossy Photo Paper(250), Premium Semigloss Photo Paper(250), and Premium Luster Photo Paper(260).

**2*: When the “Roll Paper (Banner)” is selected for the “Source” in the “Paper Settings” of the printer driver, the top and bottom margins become 0 mm.

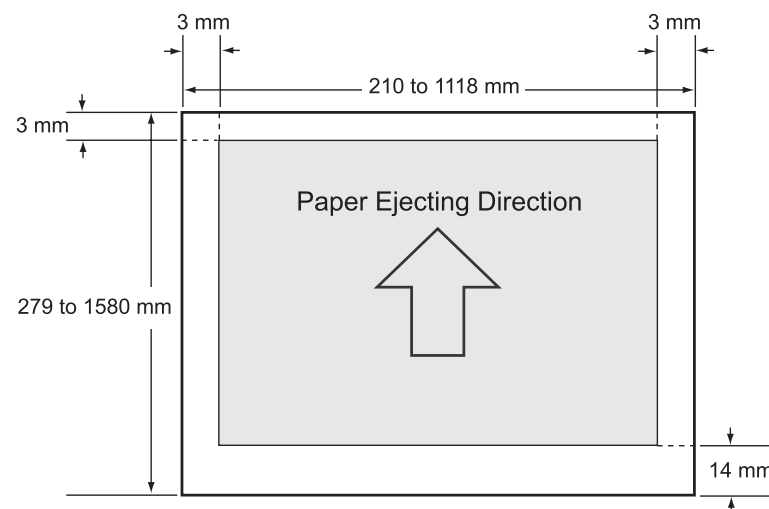
**3*: The maximum paper length satiable with the printer driver is as follows.

Windows: 15,000 mm (590.6 inch)

Mac OS X: 15,240 mm (600 inch)

When paper length longer than the above is required, select the “Roll Paper (Banner)”. The printer driver allows the setting if the application used for the data supports the length.

CUT SHEET



1.3.4 Borderless Printing Specification

AVAILABLE PAPER TYPE

For the paper types and sizes that support the borderless printing, see “1.3.2.2 Designated Paper” on page 20.

BORDERLESS PRINTING MODE

The following types of borderless printing are available with the printer driver.

Table 1-6. Borderless Printing Mode

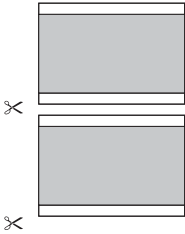




Driver Setting	Printer Operation	Remarks
Normal Cut*2	Prints an image bleeding it off the left and right edges of paper. The top and bottom margins are determined by ROLL PAPER MARGIN setting. 	Default
Single Cut*1*2*3	Prints an image bleeding it off the all edges of paper. The cutting methods is as follows. <input type="checkbox"/> The minimum width required for cutting is applied as the top margin of the first page, then the top margin is cut off during printing.  <input type="checkbox"/> No margin is provided between pages, and the cutting is made on the border between the pages.  <input type="checkbox"/> When the job is finished, the bottom side of the last page is cut off without margin.	<ul style="list-style-type: none"> • Printing is interrupted for cutting off the top margin of the first page. This may cause color inconsistencies depending on the print data. • The cut line between pages may be slightly off the border.

Table 1-6. Borderless Printing Mode

Driver Setting	Printer Operation	Remarks
Double Cut*1*2*3	Prints an image bleeding it off the all edges of paper. The cutting methods is as follows. <input type="checkbox"/> The auto refresh margin is applied as the top margin of the first page, then the top margin is cut off during printing.  <input type="checkbox"/> The bottom side of each page is cut off without margin.  <input type="checkbox"/> The minimum width required for cutting is applied as margins between pages.	<ul style="list-style-type: none"> • Printing is interrupted for cutting off the top margin of the first page. This may cause color inconsistencies depending on the print data. • The top and bottom sides of each page are cut off at the position slightly inward the image edges so that no white margin appears on the edges of the cut pages. This causes the vertical length of the cut page about 2mm shorter than the specified length.

Note : Borderless printing is not available for Epson Stylus Pro WT7900/WT7910.

Note "1": The cut pages vertical length becomes about 2mm shorter than the specified size.

Note "2": Color inconsistencies or ink smudges due to the interruption of printing for cutting off top margins are likely to occur on the following papers.

- Doubleweight Matte Paper
- Singleweight Matte Paper
- Enhanced Matte Paper
- Textured Fine Art Paper
- UltraSmooth Fine Art Paper

1.3.5 Cutting of Roll Paper

The printer offers two ways of cutting for roll paper.

Cut Method	Description
Auto cut	The printer automatically cuts paper with the built-in cutter.
Manual cut	The user can manually move the built-in cutter to cut paper, or use a commercially available cutter. Select this setting when using the Auto Take-up Reel Unit.

CAUTION



- **Some types of roll paper cannot be cut with the built-in cutter. In such cases, cut it manually with a commercially available cutter or the like.**
- **When cutting Clear Film, please hold it by hands so that it does not fall on the floor in order to prevent scratches**

CHECK POINT



It may takes time for the cutting operation.

SETTING BEFORE PRINTING

The cut method setting can be made by the control panel or the printer driver.

- ☐ When setting with the control panel (for printing a status sheet or etc.)

Press ◀ button to select the cut method.

Icon	Description
	Roll Auto Cut On
	Roll Auto Cut Off

- ☐ When setting from a computer

Select “Auto Cut” in the “Paper Setting” window of the printer driver.

HOW TO CUT

- ☐ Auto cut

The printer automatically cuts paper with the built-in cutter each time a page is printed.

- ☐ Manual cut

Follow the procedure below to cut paper at the desired position.

1. After a page is printed, press the ▼ button to advance the paper to the cut position.
2. Press the button. Select [Cut] from the selection screen on the display, and press [OK] button. The built-in cutter moves and cuts the paper.

CHECK POINT



When the paper type is the one that the built-in cutter does not support, pressing the ▼ button advances the paper to the position for manual cutting using a commercially available cutter. Cut the paper manually with your cutter or a similar tool along the lower frame of the front cover.

CAUTION



When cutting the paper manually, make sure to confirm the Spectroproofer backing is not installed.

1.4 Hardware Specifications

This section provides the printer dimensions and shows the main components.

1.4.1 Dimensions and Weight

MAIN UNIT

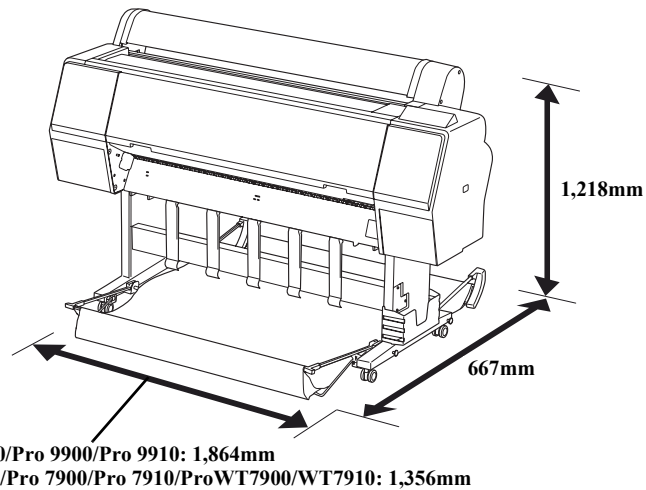


Figure 1-3. Dimensions (standard)

Model	External Dimensions			Weight*
	Width	Depth	Height	
Pro 9900/Pro 9910	1,864 mm	667 mm	1,218 mm	Approx. 135 kg
Pro 7900/Pro 7910	1,356 mm	667 mm	1,218 mm	Approx. 101 kg
Pro 9700/Pro 9710	1,864 mm	667 mm	1,218 mm	Approx. 134 kg
Pro 7700/Pro 7710	1,356 mm	667 mm	1,218 mm	Approx. 100 kg
Pro WT7900/ Pro WT7910	1,356 mm	667 mm*1	1,218 mm	Approx. 100 kg

Note *: Excluding the ink cartridges and paper

Note "*1": The depth is 1442 mm when the Basket for Epson Special Film is installed.

OPTIONS

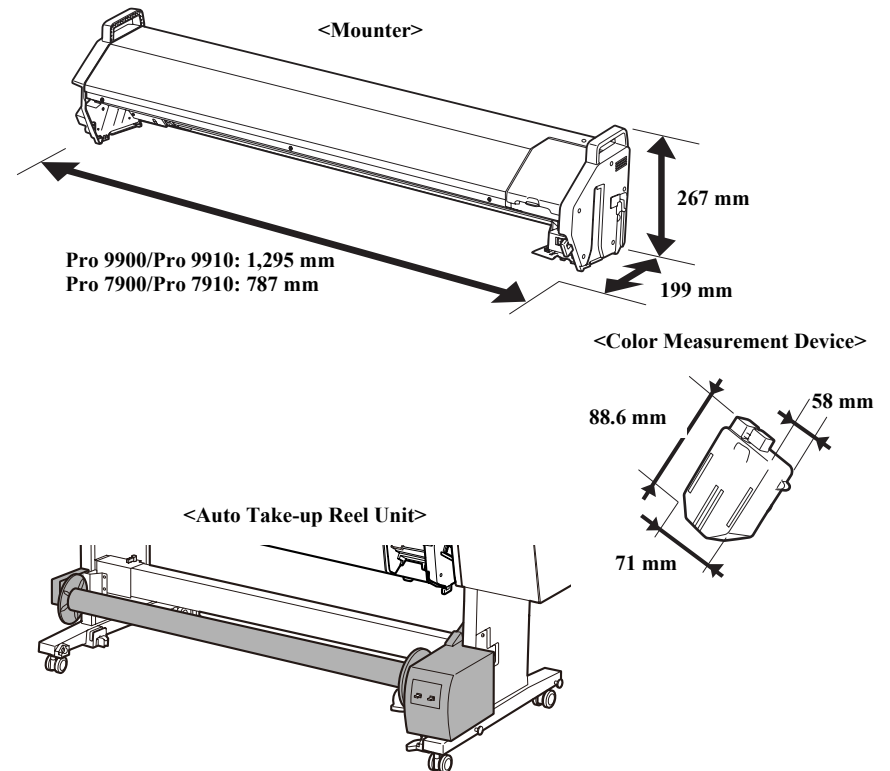


Figure 1-4. Dimensions

Model	External Dimensions			Weight
	Width	Depth	Height	
Mounter for Pro 9900/Pro 9910	1,295 mm	199 mm	267 mm	Approx. 13.4 kg
Mounter for Pro 7900/Pro 7910	787 mm	199 mm	267 mm	Approx. 9.2 kg
Color Measurement Device	71 mm	88.6 mm	58 mm	Approx. 0.13 kg
Auto Take-up Reel Unit	—	—	—	Approx. 6.9 kg

1.4.2 Part Names

MAIN UNIT

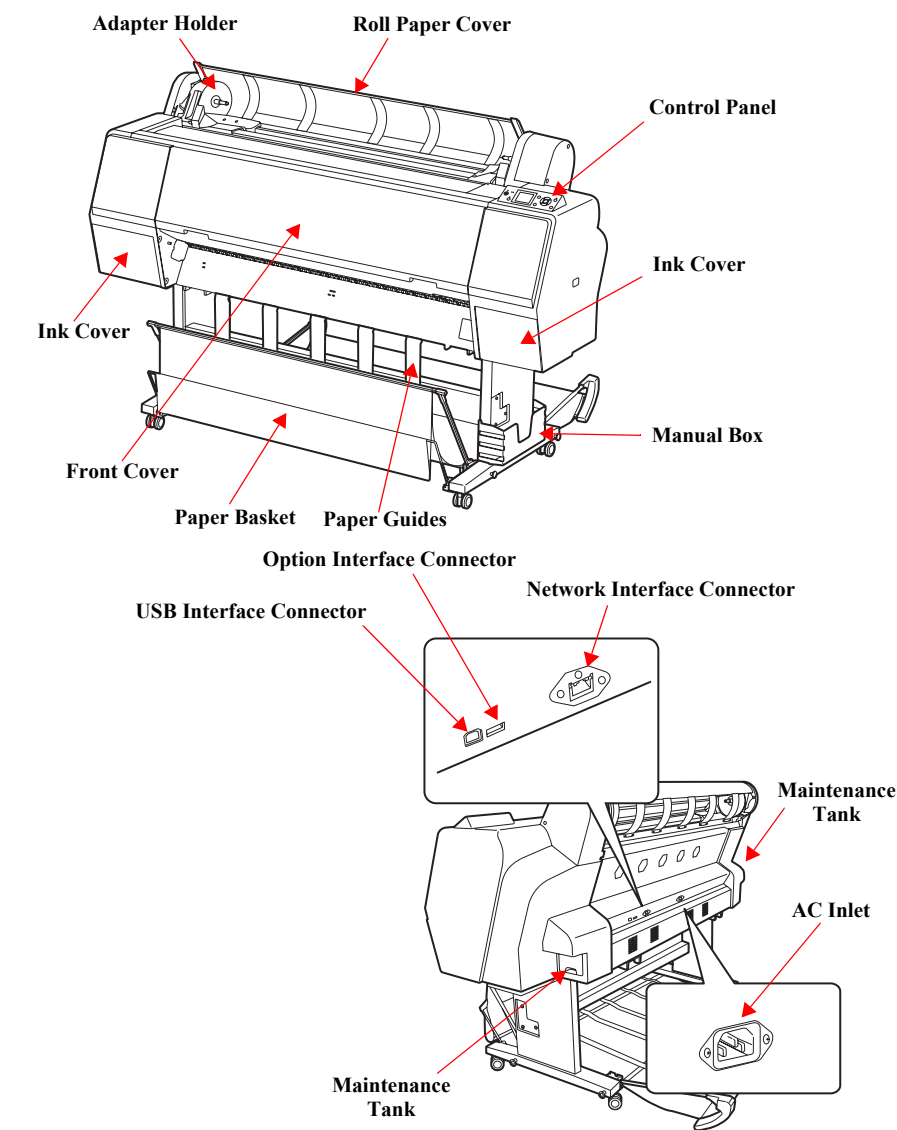


Figure 1-5. Part Names (Main Unit)

BASKET FOR EPSON SPECIAL FILM

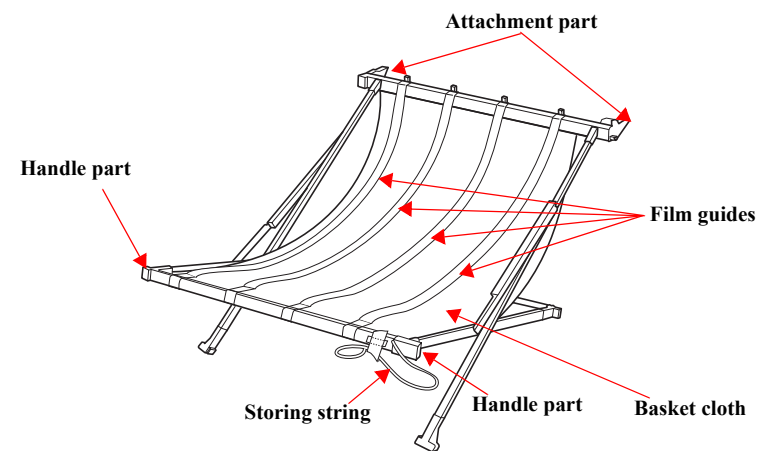


Figure 1-6. Part Names (Basket for Epson Special Film)

OPTIONS

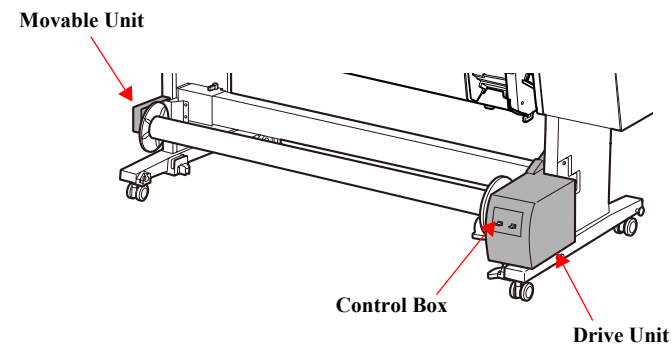


Figure 1-7. Part Names (Auto Take-up Reel Unit)

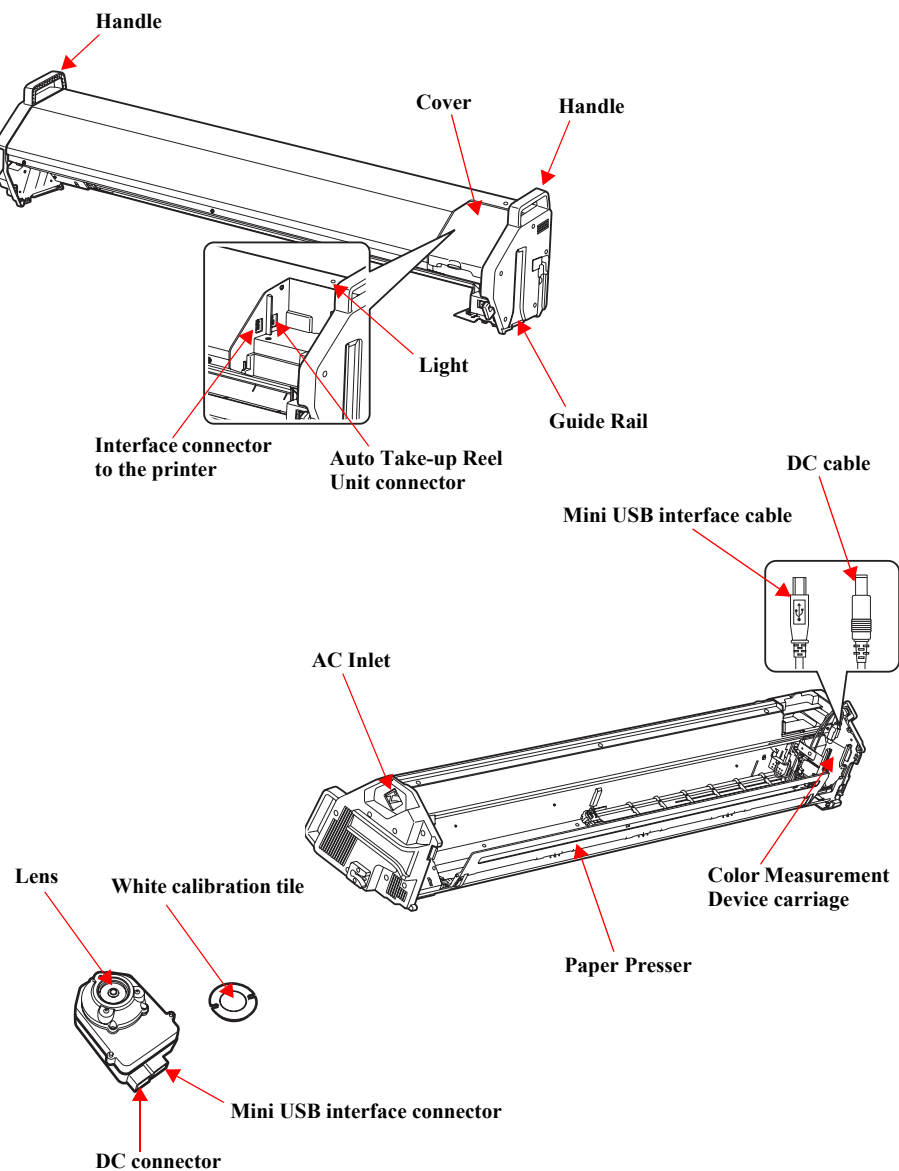


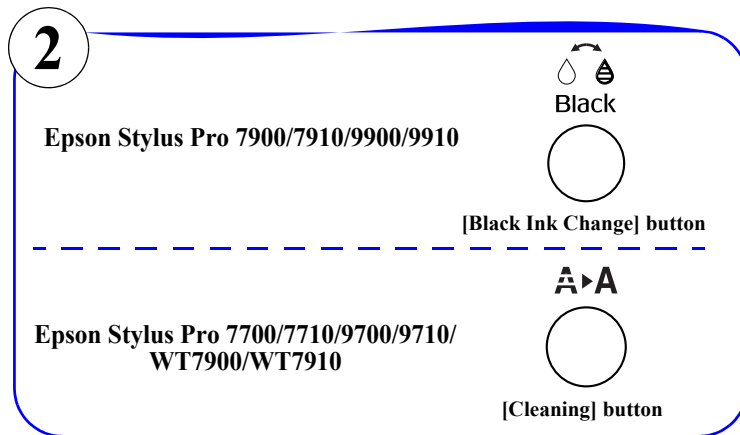
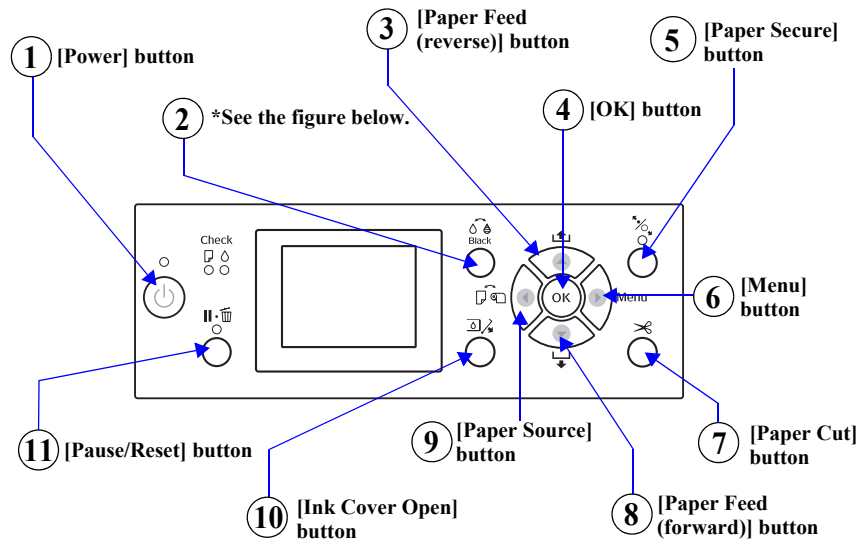
Figure 1-8. Part Names (SpectroProofer)

1.4.3 Option Correspondence Table

Model	Auto Take-up Reel Unit	SpectroProofer 24"	SpectroProofer 44"	Basket for Epson Special Film
Pro 9900/ Pro 9910	Supported	Not supported	Supported	Not supported
Pro 7900/ Pro 7910	Not supported	Supported	Not supported	Not supported
Pro 9700/ Pro 9710	Supported	Not supported	Not supported	Not supported
Pro 7700/ Pro 7710	Not supported	Not supported	Not supported	Not supported
Pro WT900/ Pro WT910	Not supported	Supported	Not supported	Supported

1.5 Control Panel

BUTTONS



BUTTONS

NOTE *1: Epson Stylus Pro 7900/7910/9900/9910 only.

***2:** Epson Stylus Pro 7700/7710/9700/9710/WT9700/WT9710 only.

Button Name		Function		
		When pressed normally	When pressed down for 3 sec.	For panel setting
1	[Power]	Turns the printer On or Off.	---	Power-off
2	[Black Ink Change] *1	<ul style="list-style-type: none"> Displays the black ink change screen when BK ink error occurs or during idling. Other than above: Does not function. 	---	---
	[Cleaning] *2	Goes to the cleaning menu.	---	---
3	[Paper Feed (reverse)]	<ul style="list-style-type: none"> When roll paper is loaded: Feeds the paper backward. When roll paper is not loaded: Does not function. While the Paper Presser is released: Increases the power of the suction fan. Other than above: Does not function. 	When roll paper is not loaded: Does not function.	Increases the set value.
4	[OK]	<ul style="list-style-type: none"> After printing: Ejects the cut sheet. Sets the selected parameter in the selected item in the Menu mode. Executes the item if the selected item is for execution only. During ink drying or color chart drying: Stops the operation. While there is no paper in the printer: Displays the paper feeding procedures on the LCD panel. Other than above: Does not function. 	---	Accepts the change, Executes the operation, Stores the settings
5	[Paper Secure]	<ul style="list-style-type: none"> Locks/unlocks the paper presser when idling, waiting for the feeding trigger or such errors occurred as: paper released error, front cover open error, paper cut error, paper skew error, paper error (not detected), take-up error (sensor error), borderless error, paper out error (roll paper), paper eject error, paper size error, paper setting error. Other than above: Does not function. 	---	---
6	[Menu]	<ul style="list-style-type: none"> During printing: Goes to the PRINTER STATUS menu. Goes to the panel setting mode when ink drying, color chart drying, measuring colors or when paper out error (roll paper) occurred. 	---	Goes to the next item.
7	[Paper Cut]	<ul style="list-style-type: none"> When waiting for the feeding trigger or idling: Cuts the roll paper. Other than above: Does not function. 	---	---
8	[Paper Feed (forward)]	<ul style="list-style-type: none"> When roll paper is loaded: Feeds the paper forward. When roll paper is not loaded: Does not function. While the Paper Presser is released: Decreases the power of the suction fan. When cut sheet is selected and a cut sheet is loaded on the printer: Feeds the cut sheet to the print start position. When a cut sheet has been fed: Ejects the cut sheet. 	<ul style="list-style-type: none"> When roll paper is loaded: Feeds the roll paper forward at high speed. When roll paper is not loaded: Does not function. 	Decreases the set value.

Button Name		Function		
		When pressed normally	When pressed down for 3 sec.	For panel setting
9	[Paper Source]	<ul style="list-style-type: none"> Changes the paper type when idling, waiting for the feeding trigger or when such errors occurred as: paper released error, front cover open error, paper cut error, paper skew error, paper error (not detected), take-up error (sensor error), borderless error, paper out error (roll paper), paper eject error, paper size error, paper setting error. Other than above: Does not function. 	---	Goes back to the previous item.
10	[Ink Cover Open]	<ul style="list-style-type: none"> During printing/cleaning/charging initially/changing ink: Does not function. Other than above: Opens the ink cover. 	---	---
11	[Pause/Reset]	<ul style="list-style-type: none"> When printing, idling, in the error status: Pauses the operation When displaying the menu screen: return to the previous screen from the menu When displaying such screens as pausing, selection for opening IC Cover, changing black ink, or cutting paper: return to the previous screen from the sub menu When displaying the roll paper setting screen: return to the previous screen from the roll paper setting screen Makes the printer recover from such errors as paper sensor error (barcode detection failed), paper sensor error (wrong platen gap), cleaning error (not enough ink), clogged nozzle error (not enough ink), cleaning error (auto head cleaning failed). 	---	Stops the panel settings.

LIGHTS (LED)

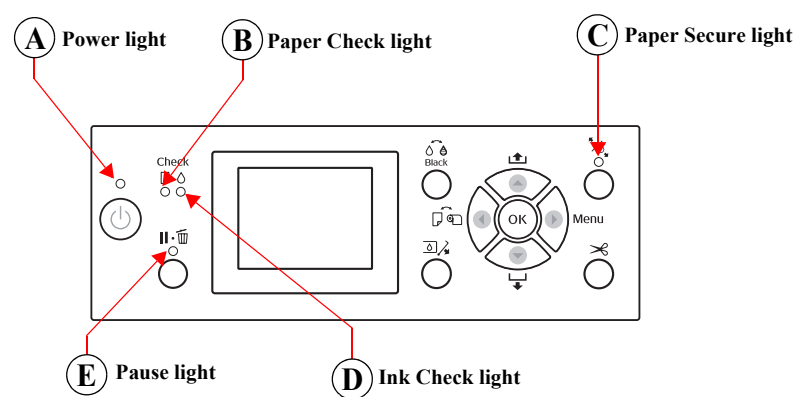


Figure 1-9. LED

NOTE: The figure is for Epson Stylus Pro 7900/7910/9900/9910.

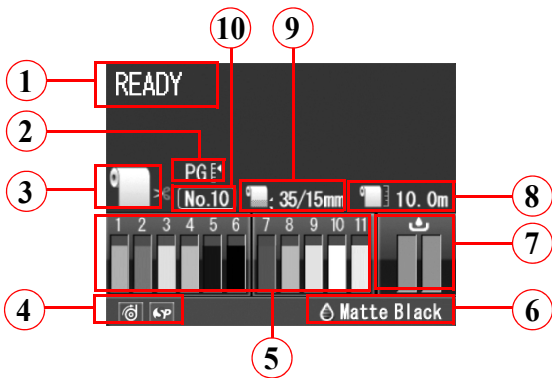
Name		Color	Status	Description
A	Power	Green	ON	The printer power is on.
			Flashing*1	The printer is receiving a data or performing the power-off sequence.
			OFF	The printer power is off.
B	Paper Check	Orange	ON	<ul style="list-style-type: none">No paper is loaded in the paper source.The paper setting is not correct.
			Flashing*1	<ul style="list-style-type: none">Paper is jammed.Paper is not loaded straight.
			OFF	The printer is ready to print data.
C	Paper Secure	Orange	ON	The paper presser is released.
			OFF	The printer is ready to print data.
D	Ink Check	Orange	ON	<ul style="list-style-type: none">The installed ink cartridge is expended.The ink cartridge is not installed.The wrong ink cartridge is installed.
			Flashing*1	The installed ink cartridge is nearly expended.
			OFF	The printer is ready to print data.
E	Pause	Green	ON	<ul style="list-style-type: none">The printer is in the Menu mode or pause mode.The printer has an error.
			OFF	The printer is ready to print data.

Note "1": Repeats turning On and Off every 500 ms. When a maintenance error is occurring, the LED repeats ON for 100 ms and OFF for 5 seconds.

"2": The all LEDs flash when a service call error is occurring.

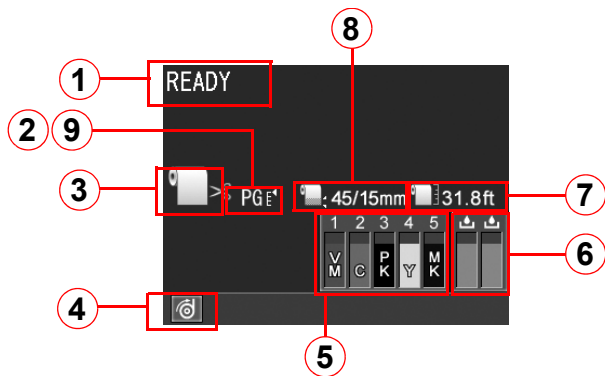
LCD

- Normal indication
 - Epson Stylus Pro 7900/7910/9900/9910



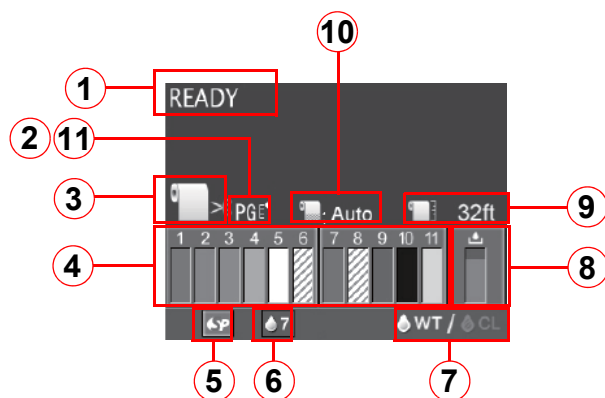
No.	Item	Description
1	Message	Printer status, operating status, or an error message is displayed.
2	Platen Gap	Displays the setting of "Platen Gap". PG E: "NARROW" is selected. PG E: "WIDE" is selected. PG E: "WIDER" is selected. PG E: "WIDEST" is selected. When the selected registered number in "Paper Number" is displayed, "Platen Gap" is not displayed.
3	Paper Source	Selected paper type and roll paper cut settings is displayed.
4	Option Usage	The options available to use are displayed as icons.
5	Ink cartridge status	The current ink level in each of the nine cartridges is indicated.
6	Black Ink level	The selected black ink level is indicated.
7	Waste ink level in the maintenance tanks	The free space of the maintenance tanks is indicated.
8	Roll Paper Counter	The remaining amount of the roll paper is displayed.
9	Roll Paper Margin	The setting made by the ROLL PAPER MARGIN menu is indicated beside the []. <ul style="list-style-type: none">15mm: "TOP/BOTTOM 15 mm" is selected.35/15mm: "TOP 35/BOTTOM 15 mm" is selected.3mm: "3mm" is selected.15mm: "15mm" is selected.Auto: "DEFAULT" is selected
10	Paper Number	When you select paper number (1 to 10) for CUSTOM PAPER, the number you selected appears.

■ Epson Stylus Pro 7700/7710/9700/9710



No.	Item	Description
1	Message	Printer status, operating status, or an error message is displayed.
2	Platen Gap	Displays the setting of "Platen Gap". "NARROW" is selected. "WIDE" is selected. "WIDER" is selected. "WIDEST" is selected Selected registered number in "Paper Number" in No 9 below is displayed.
3	Paper Source	Selected paper type and roll paper cut settings is displayed.
4	Option Usage	The options available to use are displayed as icons.
5	Ink cartridge status	The current ink level in each of the nine cartridges is indicated.
6	Waste ink level in the maintenance tanks	The free space of the maintenance tanks is indicated.
7	Roll Paper Counter	The remaining amount of the roll paper is displayed.
8	Roll Paper Margin	The setting made by the ROLL PAPER MARGIN menu is indicated beside the . • 15mm: "TOP/BOTTOM 15 mm" is selected. • 35/15mm: "TOP 35/BOTTOM 15 mm" is selected. • 3mm: "3mm" is selected. • 15mm: "15mm" is selected. • Auto: "DEFAULT" is selected
9	Paper Number	When you select paper number (1 to 10) for CUSTOM PAPER, the number you selected appears.

■ Epson Stylus Pro WT7900/WT7910



No.	Item	Description
1	Message	Printer status, operating status, or an error message is displayed.
2	Platen Gap	Displays the setting of "Platen Gap". "NARROW" is selected. "WIDE" is selected. "WIDER" is selected. "WIDEST" is selected. Selected registered number in "Paper Number" in No 11 below is displayed.
3	Paper Source	Selected paper type and roll paper cut settings is displayed.
4	Ink cartridge status	The current ink level in each of the nine cartridges is indicated.
5	Option Usage	The options available to use are displayed as icons.
6	White ink maintenance display	Displays the date when the next white ink maintenance is required.
7	Ink selection	Displays the type of ink set in the white ink nozzle.
8	Waste ink level in the maintenance tanks	The free space of the maintenance tanks is indicated.
9	Roll Paper Counter	The remaining amount of the roll paper is displayed.
10	Roll Paper Margin	The setting made by the ROLL PAPER MARGIN menu is indicated beside the . • 15mm: "TOP/BOTTOM 15 mm" is selected. • 35/15mm: "TOP 35/BOTTOM 15 mm" is selected. • 3mm: "3mm" is selected. • 15mm: "15mm" is selected. • Auto: "DEFAULT" is selected
11	Paper Number	When you select paper number (1 to 10) for CUSTOM PAPER, the number you selected appears.

❑ Error indication

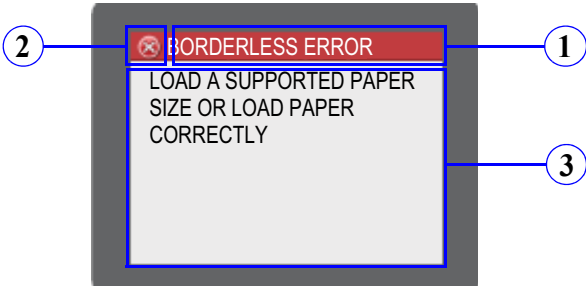


Figure 1-10. LCD (Error indication)

No.	Item	Description
1	Error name	An error name is displayed inverted.
2	Error icon	An error icon is displayed.
3	Remedy	An explanation about the error or an instruction to recover from the error is displayed.

Note : When multiple errors are occurring simultaneously, the errors are indicated in the order of preset priority. After recovering one of the error, the next error is displayed.

❑ LCD (Error indication with an image)

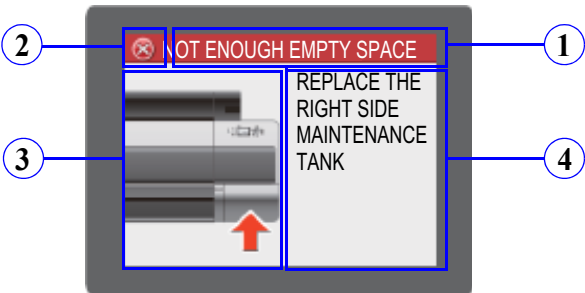


Figure 1-11. LCD (Error indication with an image)

No.	Item	Description
1	Error name	An error name is displayed inverted.
2	Error icon	An error icon is displayed.
3	Image	An illustration that demonstrates the explanation or instruction for the error is displayed.
4	Remedy	An explanation about the error or an instruction to recover from the error is displayed.

Note : When multiple errors are occurring simultaneously, the errors are indicated in the order of preset priority. After recovering one of the error, the next error is displayed.

ICONS ON THE LCD

☐ Remaining ink level of each color

☒ Ink cartridge

No.	Ink Color		
	Epson Stylus Pro 7900/7910/ 9900/9910	Epson Stylus Pro 7700/7710/ 9700/9710	Epson Stylus Pro WT7900/ WT7910
1	Cyan (C)	Vivid Magenta (VM)	Cyan (C)
2	Orange (O)	Cyan (C)	Orange (O)
3	Yellow (Y)	Photo Black (PK)	Yellow (Y)
4	Light Cyan (LC)	Yellow (Y)	Light Cyan (LC)
5	Matte Black (MK)	Matte Black (MK)	White (WT)
6	Photo Black (PK)	---	Cleaning Liquid (CL1)
7	Vivid Magenta (VM)	---	Vivid Magenta (VM)
8	Light Black (LK)	---	Cleaning Liquid (CL2)
9	Green (G)	---	Green (G)
10	Light Light Black (LLK)	---	Photo Black (BK)
11	Vivid Light Magenta (VLM)	---	Vivid Light Magenta (VLM)

Note : “1” on the above table is the left end, and “5” or “11” is the right end.

☒ Ink remaining

Icon			Ink Cartridge
			There is enough ink remaining.
			Prepare a new ink cartridge. (flashing)
			The ink is expended so you cannot print. Replace the ink cartridge with a new one. (flashing)
			Cartridge error or no cartridge has occurred. (flashing)

Note: The figure is for Epson Stylus Pro 7900/7910/9900/9910.

☐ Free space of the maintenance tank

Icon			Free space of maintenance tank
			There is enough free space in the maintenance tank.
			Prepare a new maintenance tank. (flashing)
			The maintenance tank becomes full. Replace the tank with a new one. (flashing)

1.5.1 Menu Mode Settings

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
PRINTER SETUP	PLATEN GAP	NARROW	Sets the platen gap (gap between the printhead and the platen). When the “Others” is selected in the PAPER TYPE of the CUSTOM PAPER menu, the platen gap designated at the CUSTOM PAPER menu has a priority over the setting made here. Refer to "PG Settings List" on page 54.	√	√	√
		STANDARD				
		WIDE				
		WIDER				
		WIDEST				
	PAGE LINE	ON	Sets whether to print a page line (line for manual cutting) on roll paper or not. The page line is printed when ON is selected.	√	√	√
		OFF	The vertical line may be printed when the roll paper width that is set in the printer driver is smaller than the width of the roll paper that is loaded in the printer. This setting is available for roll paper only.			
	ROLL PAPER MARGIN	DEFAULT	Epson Stylus Pro 7900/7910/9900/9910 Sets the margins for roll paper. When the Default is selected, the top margin becomes 20mm and the bottom margin becomes 15mm for the following paper types; Premium Glossy Photo Paper(250), Premium Semigloss Photo Paper(250), and Premium Luster Photo Paper(260).	√		
		TOP/BOTTOM 15mm				
		TOP 35/BOTTOM 15mm				
		15 mm				
		3 mm				
		DEFAULT	Epson Stylus Pro 7700/7710/9700/9710 Sets the margins for roll paper. When the Default is selected, the top margin becomes 20mm and the bottom margin becomes 15mm for the following paper types; Premium Glossy Photo Paper(250), Premium Semigloss Photo Paper(250), and Premium Luster Photo Paper(260).		√	
		TOP/BOTTOM 15mm				
		TOP 35/BOTTOM 15mm				
		TOP 45/BOTTOM 15mm				
		3 mm				
		15 mm				

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
PRINTER SETUP	ROLL PAPER MARGIN	DEFAULT	Epson Stylus Pro WT7900/WT7910 Sets the margins for roll paper. When the Default is selected, the top margin of Premium Glossy Photo Paper (250) is 20 mm and the bottom margin is 15 mm. The top and bottom margin of other paper is 15 mm.			
		TOP 15/BOTTOM 35mm				
		TOP 35/BOTTOM 15mm				
		3 mm				
		15 mm				√
	PAPER SIZE CHECK	ON	Sets whether to detect the paper width or not. Setting to OFF deactivates the sensor that detects the paper width when paper is loaded on the printer. This allows the user to use paper whose width is out of the sensor's detectable range. It means that the user can print an image larger than the paper size. The user should know that doing so soils the platen and may cause a print quality or any other trouble.	√	√	
		OFF				
	PAPER SKEW CHECK	ON	Sets whether to detect the paper skew or not. Setting to OFF does not carry out the detection and printing is continued even if the paper is skewed. When this setting is set to OFF, the user should have known the risk. This setting is not available for cut sheet because the skew detection function after printing is not provided for cut sheet.	√	√	
		OFF				
	REFRESH MARGIN	ON	When this is set to ON, the top edge area of paper soiled by the previous borderless printing is automatically cut off.	√	√	
		OFF				
	AUTO NOZZLE CHECK	ON: PERIODICALLY	Sets the execution timing for the auto nozzle check. When the nozzle clogging is detected, the cleaning starts automatically. You can set the number of executions for cleaning from "1.5.2 Maintenance Mode (p56)".	√	√	
		ON: EVERY JOB				
		OFF				
	PRINT NOZZLE PATTERN	OFF	The printer prints a nozzle check pattern automatically at the specified timing. This setting is available only when roll paper is used. When the set number of pages is reached, the nozzle check pattern is printed on the top of the page. The counter for counting the pages is not reset even by power-off. When this setting is changed, the counter is cleared. Printing patterns preset in the printer is not counted except the network status sheet.	√	√	
		ON: EVERY PAGE				
		ON: EVERY 10 PAGES				
	INITIALIZE SETTING	EXECUTE	All the settings made using the control panel are returned to their default.	√	√	

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
TEST PRINT	NOZZLE CHECK	PRINT	Epson Stylus Pro 7900/7910/9900/9910/7900/7910/7700/7710 Prints a nozzle check pattern, the firmware version, paper/ink consumption, and waste ink level in the maintenance tanks. Visually check the printout patterns for any missing lines or segments. If missing lines or segments are observed, run a manual cleaning as necessary.	√	√	
		PRINT WITH WHITE INK	Epson Stylus Pro WT7900/WT7910 Prints a nozzle check pattern, the firmware version, paper/ink consumption, and waste ink level in the maintenance tanks. Visually check the printout patterns for any missing lines or segments. If missing lines or segments are observed, run a manual cleaning as necessary.			
		PRINT	Selects whether to print a nozzle check pattern in all colors including the white ink, or to print the colors selected when executing printing.			√
	STATUS SHEET	PRINT	Prints information on the printer status.	√	√	√
	NETWORK STATUS SHEET	PRINT	Prints information on the network status.	√	√	√
	JOB INFORMATION	PRINT	Prints a print job history report (up to 10 jobs) that is stored in the printer.	√	√	√
	CUSTOM PAPER	PRINT	Prints the settings made in the CUSTOM PAPER menu.	√	√	√
MAINTENANCE	CHANGE INK	CL->WT	Changes ink in the nozzle.			
		WT->CL	<input type="checkbox"/> CL->WT: Changes cleaning liquid with the white Ink <input type="checkbox"/> WT->CL: Changes the white ink with cleaning liquid.			√
	CUTTER ADJUSTMENT	EXECUTE	Epson Stylus Pro 7900/7910/9900/9910 Adjusts the built-in cutter position. A cutter position adjustment pattern is printed. Examine the printout patterns and select the number for the best pattern.	√		
		-0.3mm to +3.0mm	Epson Stylus Pro 7700/7710/9700/9710/WT7900/WT7910 Fine-adjusts the cutter position. You can adjust the cutter position by 0.2 mm.		√	√
	CUTTER REPLACEMENT	EXECUTE	Runs a cutter replacement sequence.	√	√	√
	POWER CLEANING	EXECUTE	Runs a power cleaning that is stronger than the normal cleaning.	√	√	√

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
MAINTENANCE	CLEAN EACH COLOR	C/VM	Epson Stylus Pro 7900/7910/9900/9910 Runs a cleaning for the specified nozzle columns.	√		
		PK(MK)/LK				
		O/G				
		LLK/Y				
		VLM/LC				
		C/VM	Epson Stylus Pro 7700/7710/9700/9710 Runs a cleaning for the specified nozzle columns.		√	
		Y/BK				
		MK				
		C/VM	Epson Stylus Pro WT7900/WT7910 Runs a cleaning for the specified nozzle columns.			√
		WT				
		CL/CL				
		O/G				
		BK/Y				
		VLM/LC				
	WHITE INK REFRESH	EXECUTE	You can change the white ink inside the ink tube to dissolve the white ink sediment.			√
	CLOCK SETTING	MM/DD/YY HH:MM	Sets the date and time for the internal clock.	√	√	√

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
PRINTER STATUS	VERSION	HW0xxxx-xx.xx.IBCC or HN0xxxx-xx.xx.IBCC	Displays the firmware version. Refer to "Firmware version information" on page 55.	√	√	
	PRINTABLE PAGES	(ink color) nnnnnnnn PAGES	Displays the number of pages printable with the installed ink cartridges.	√	√	
	INK LEVEL	(ink color) nn%	Displays the ink level in the installed ink cartridges.	√	√	
	MAINTENANCE TANK	LEFT nn%	Displays the waste ink level in the installed maintenance tanks.	√	√	
		RIGHT nn%				
	JOB HISTORY	No.0 to No.9	<input type="checkbox"/> Job No. Displays the job number that is stored in the printer. The latest job number is 0 (zero).	√	√	
		Ink xxxxx.xml	<input type="checkbox"/> The amount of ink consumed Displays the amount of ink consumed for each job.	√	√	
		Paper xxx.x cm2	<input type="checkbox"/> The amount of paper consumed Displays the total area of paper used for each job.	√	√	
PRINTER STATUS	TOTAL PRINTS	nnnnnnn PAGES	Displays the total printed pages using 6-digit decimal number.	√	√	
	EDM STATUS	NOT STARTED, ENABLED, DISABLED	Displays the EDM status.	√	√	
		LAST UPLOADED MM/DD/YY HH:MM GMT (NOT UPLOADED)				
PAPER SETUP	ROLL PAPER REMAINING	REMAINING PPR SETUP	Make settings for the remaining roll paper. OFF: Disables the roll paper remaining amount count function. ON: Displays the roll paper remaining amount on the LCD. Each time a print job is finished, a barcode that includes information on PAPER TYPE, PAPER LENGTH, and ROLL_LENGTH_ALERT settings is printed. When roll paper is replaced with a new one, the printer reads the barcode and automatically applies the read settings for the new roll paper.	√	√	
		ROLL PAPER LENGTH	You can make these settings only when REMAINING PPR SETUP above is set to ON. The printer Sets roll paper length, and the remaining length of roll paper to be alerted when the set amount is reached.	√	√	
		ROLL LENGTH ALERT	The printer displays the roll paper remaining amount and the alert for shortage of the remaining on the LCD.	√	√	

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
PAPER SETUP	PAPER TYPE	Photo Paper	Epson Stylus Pro 7900/7910/9900/9910 Sets the paper type loaded on the printer.	√		
		Proofing Paper				
		Fine Art Paper				
		Matte Paper				
		Plain paper				
		Others				
		CUSTOM PAPER				
		NO PAPER SELECTED				
		Photo Paper	Epson Stylus Pro 7700/7710/9700/9710 Sets the paper type loaded on the printer.		√	
		Matte Paper				
		Plain paper				
		Others				
		CUSTOM PAPER				
		NO PAPER SELECTED				
		ClearProof Film	Epson Stylus Pro WT7900/WT7910 Sets the paper type loaded on the printer.			√
		Premium Glossy 250				
		Premium Glossy Sheet				
		Proofing Paper W Sm				
		CUSTOM PAPER				
		NO PAPER SELECTED				
		Bundle Roll Paper				
	CUSTOM PAPER	PAPER NO.1 - 10	You can select a number (between 1 to 10) to register the settings (such as Paper Type, Platen Gap, Thickness Pattern, Paper Feed Adjust, Drying Time, Paper Suction) or to recall these settings you have made. The number you select here is displayed on the LCD panel.	√	√	

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
PAPER SETUP	PLATEN GAP	NARROW	Adjusts the platen gap (gap between the printhead and paper surface) according to the paper thickness. STANDARD: use this setting under normal conditions NARROW: select this when using thin paper. WIDE, WIDER: select this when smudges or blurring appear due to an excess pressure on the paper. WIDEST: select this when using heavy paper.	√	√	√
		STANDARD				
		WIDE				
		WIDER				
		WIDEST				
	THICKNESS PATTERN	PRINT	Prints a pattern for checking the thickness of the loaded paper.	√	√	√
	PAPER FEED ADJUST	0.00%	Adjusts the paper feed line pitch. The larger the value is, the more the possibility to cause white bands on printout image. The smaller the value is, the more the possibility to cause black bands on printout image.	√	√	√
		-0.70% to +0.70%				
	DRYING TIME	0.0 SEC	Sets a time period to pause the carriage movement for drying the printed surface. Depending on paper type and density, drying ink may take longer. Check the result and set longer time period in such case.	√	√	√
		0.0 SEC to 10.0 SEC				
	PAPER SUCTION	STANDARD	Sets the power level of the suction fan.	√	√	√
		-1 to -4				
	SET ROLL PAPER TENSION	NORMAL	When using a cloth or thin paper or when wrinkles appear in the paper during printing, select “HIGH” or “HIGHER”.	√		√
		HIGH				
		HIGHER				
	REMOVE SKEW	ON	Sets whether to perform this operation to reduce the paper skew or not.	√	√	√
		OFF				
	FRONT EDGE STAND BY	STANDARD POSITION	Selects the paper top stand by position for pre printing (paper is loaded) and post printing (after auto-cut) depending on the paper type. <input type="checkbox"/> STANDAD POSITION Normally use this option. <input type="checkbox"/> BACK POSITION Loads the paper with less paper loading length. Use this option when printing on media such as transparent film to avoid the tracks of the paper.			√
		BACK POSITION				

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
HEAD ALIGNMENT	PAPER THICKNESS	SELECT PAPER TYPE	Sets thickness of paper to be used.	√	√	√
		SELECT THICKNESS	<ul style="list-style-type: none"> When Epson paper is used, select the paper type. When not Epson paper is selected, enter the thickness of the selected paper. 			
	ALIGNMENT	AUTO	Sets whether to carry out the head alignment adjustment automatically or manually.	√	√	√
		MANUAL	AUTO: The adjustment is carried out automatically after the adjustment pattern is printed. MANUAL: Select this to carry out the adjustment manually (visually check the patterns and enter selected values) after printing the adjustment pattern.			
NETWORK SETUP	NETWORK SETUP	DISABLE	Enables or disables the network settings.	√	√	√
		ENABLE	The NETWORK SETUP menu items appear on the LCD only when this is set to ENABLE.			
	IP ADDRESS SETTING	AUTO	Sets whether to set the IP address automatically or manually.	√	√	√
		PANEL	When the PANEL is selected, the IP, SM, DG SETTING menu is enabled to enter the address manually.			
	IP, SM, DG SETTING	IP ADDRESS	000.000.000.000 -	√	√	√
			172.024.011.031			
			- 255.255.255.255			
		SUBNET MASK	000.000.000.000 -	√	√	√
			255.255.192.168			
			- 255.255.255.255			
		DEFAULT GATEWAY	000.000.000.000 -	√	√	√
			172.024.011.001			
			- 255.255.255.255			
	BONJOUR	ON	Enables or disables the BONJOUR.	√	√	√
		OFF				
	INIT NETWORK SETTING	EXECUTE	Returns the network settings to their default.	√	√	√

Table 1-7. Menu Mode Settings List

Top Menu	Menu Item	Settings (shaded one is the default)	Explanation	Applied model		
				Pro 7900/7910/9900/9910	Pro 7700/7710/9700/9710	Pro WT7900/WT7910
OPTIONS SETUP	SpectroProofer	STATUS INFORMATION	Displays the status of each item of SpectroProofer, such as the version of SpectroProofer, the product numbers of the white calibration tiles, the temperature of Color Measurement Device (ILS20EP), ambient air temperature, and the color of the backing.	√		
			Displays the status of each item of SpectroProofer, such as the version of SpectroProofer, the product numbers of the white calibration tiles, the temperature of Color Measurement Device (ILS20EP), ambient air temperature, and the color of the backing, and ILS Calibration Status.			√
		DEVICE ALIGNMENT	Performs the setup for SpectroProofer installed.	√		√
	TAKE UP REEL	TAKE UP REEL VERSION	Displays the version of Auto Take-up Reel Unit.	√	√	

□ PG Settings List

The table below shows the actual platen gap amount specified by the printer driver or the control panel.

Table 1-8. PG Settings List

Paper Thickness Sensor	Paper Thickness Setting by Driver	Menu Setting	Media Table or Printer Driver PG Setting	PG Values (mm)
0.4 mm or lower	No setting 0.0 to 0.8mm	NARROW	Narrow	0.8
			Standard	0.8
			Wide	1.2
			Wider	1.6
		STANDARD	Narrow	0.8
			Standard	1.2
			Wide	1.6
			Wider	2.1
		WIDE	Narrow	1.2
			Standard	1.6
			Wide	2.1
			Wider	2.6
		WIDER	Narrow	1.6
			Standard	2.1
			Wide	2.6
			Wider	2.6
		WIDEST	Narrow	2.1
			Standard	2.6
			Wide	2.6
			Wider	2.6
	0.9mm to 1.5mm	--	--	2.6

Table 1-8. PG Settings List

Paper Thickness Sensor	Paper Thickness Setting by Driver	Menu Setting	Media Table or Printer Driver PG Setting	PG Values (mm)
0.5mm to 0.8mm	No setting 0.0 to 0.8mm	NARROW	Narrow	0.8
			Standard	0.8
			Wide	1.2
			Wider	1.6
		STANDARD	Narrow	0.8
			Standard	1.2
			Wide	1.6
			Wider	2.1
		WIDE	Narrow	1.2
			Standard	1.6
			Wide	2.1
			Wider	2.6
		WIDER	Narrow	1.6
			Standard	2.1
			Wide	2.6
			Wider	2.6
		WIDEST	Narrow	2.1
			Standard	2.6
			Wide	2.6
			Wider	2.6
	0.9mm to 1.5mm	--	--	2.6
0.9mm to 2.1mm	--	--	--	2.6

❑ Firmware version information

The table below explains the firmware version information printed by selecting the VERSION in the PRINTER STATUS menu.

<Format>

- Epson Stylus Pro 9900/9910: HW0XXXX-xx.xx.IBCC
- Epson Stylus Pro 7900/7910: HN0XXXX-xx.xx.IBCC
- Epson Stylus Pro 9700/9710: KW0XXXX-xx.xx.IBCC
- Epson Stylus Pro 7700/7710: KN0XXXX-xx.xx.IBCC
- Epson Stylus Pro WT7900/WT7910: AN0XXXX-xx.xx.IBCC

Table 1-9. Firmware Version Information

Item	Explanation
**0	The code assigned to this printer. <input type="checkbox"/> Epson Stylus Pro 9900/9910: HW <input type="checkbox"/> Epson Stylus Pro 7900/7910: HN <input type="checkbox"/> Epson Stylus Pro 9700/9710: KW <input type="checkbox"/> Epson Stylus Pro 7700/7710: KN <input type="checkbox"/> Epson Stylus Pro WT7900/WT7910:AN “0” (zero) is assigned to a special version of printer.
XXXX	Indicates the firmware version installed on the printer.
xx.xx	Indicates the network firmware version.
I	“A” is indicated for this product.
B	“0” is indicated for this product.
C	A hexadecimal number (00H-FFH) appears to indicate the specified custom number that registers special operation setting. When no custom operation is specified, “00” appears.

1.5.2 Maintenance Mode

The maintenance mode allows you to change the environmental settings such as language and unit settings to be displayed, or to return the all settings to their default. The user can also access this mode.

HOW TO START & QUIT

1. While holding down the [Pause/Reset] button, turn the printer on.
2. Turn the printer off to quit the maintenance mode.

MAINTENANCE MODE MENU LIST

Menu Item	Settings (shaded one is the default)	Explanation
LANGUAGE	JAPANESE	Selects the language used for the control panel display.
	ENGLISH	
	FRENCH	
	GERMAN	
	ITALIAN	
	PORTUGUE	
	SPANISH	
	DUTCH	
	KOREAN	
	CHINESE	
LENGTH UNIT	METRIC	Selects the unit of length to be used for various length information.
	FEET/INCH	
TEMPERATURE UNIT	°C	Selects the unit of temperature displayed on the LCD panel.
	F	
ROLL PAPER TENSION	1	Specifies the maximum value of Roll Paper Tension. 1: Low tension 5: High tension
	2	
	3	
	4	
	5	
SS CLEANING	EXECUTE	Runs a supersonic head cleaning.
DEFAULT PANEL	EXECUTE	Returns the all settings made by the control panel to their default.
AUTO CLEANING TIMES *	1	Sets the number of cleanings when nozzle clogging is detected at auto nozzle check.
	2	
	3	
CUSTOM	0 - 255	Stores custom settings.

Note : If this menu is not displayed in Epson Stylus Pro 7900/7910/9900/9910, update the firmware to the latest. This menu is added and the setting becomes available after updating.

1.5.3 Serviceman Mode

The Serviceman Mode is intended to be used by a service personnel for servicing the printer.

HOW TO START & QUIT

1. Turn the printer on by pressing the [OK], [Paper Feed/Down], and [Menu/Right] buttons.
2. Turn the printer off to quit the Serviceman Mode.

SERVICEMAN MODE MENU LIST

☐ Epson Stylus Pro 7900/7910/9900/9910

Menu			Explanation
Test	Version	F/W	Displays the F/W version.
	FAN	Paper (Duty)	Checks the operation of each fan.
		Paper 1	
		Paper 2	
		Paper 3	
	Error History	...	Displays the history of errors in the reverse chronological order.

Menu			Explanation
Mecha Adjustment	Paper		Adjusts the Paper Thickness Sensor.
	Rear AD		Adjusts the AD value of the Rear Sensor (PE Sensor).
	Selector Check		Checks the operation of the ink selector.
	APG Check		Checks the operation of the APG.
	PF Ageing	Variable Mode	Runs the PF Ageing.
		Ageing 400	
		Ageing 12	
	CR Ageing		Runs the CR Ageing.
	Cleaning PG	Adjustment	Runs the cleaning PG adjustment.
		Check	Runs the cleaning PG check.
	Decomp		Decompress the Pressurizing Pump.
	Mk Nozzle/Alignment	Output Pattern	Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
		Output Alignment	
		Cleaning CL1	

Menu		Explanation
Mecha Adjustment	Mk Nozzle/Alignment	Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
	Pk Nozzle/Alignment	

Menu			Explanation	
Mecha Adjustment	Pk Nozzle/Alignment	Cleaning CL3		Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
		Init.Fill		
		SSCL		
		A/B (C/M)	CL1	
			CL2	
			CL3	
			CL4	
		C/D (Bk/Lk)	CL1	
			CL2	
			CL3	
			CL4	
		E/F (Or/Gr)	CL1	
			CL2	
			CL3	
			CL4	
		G/H (LLk/Y) >	CL1	
			CL2	
			CL3	
			CL4	
		I/J (Lm/Lc)	CL1	
			CL2	
			CL3	
			CL4	
	IM Sensor Gap		Adjusts the gap of the Ink Mark Sensor.	
	FAN		Operates the Suction Fan.	
	Temporary PG		Unlocks the carriage lock and caps the Printhead.	
	PF Head Slant		Adjusts the slant of the Printhead to the PF.	
	CR Head Slant		Adjusts the slant of the Printhead to the CR.	

Menu			Explanation
Mecha Adjustment	PG Adj.		Adjusts the platen gap.
	CR Scale		Moves the carriage unit by 10 pass, and displays the measured value.
	CR Active Damper	ALL	Executes the CR active dumper adjustment.
		240 cps	
		300 cps	
		Hybrid	
	AID Check		Runs the AID check.
	IM Sensor		Adjusts the sensitivity of the Ink Mark Sensor.
	Gap Adj.	Auto Uni-D	Runs the gap adjustment.
		Auto Bi-D	
	Feed Adj		Runs the band feed adjustment.
	Cutter		Checks the cutter operation.
	TBS Pos		Runs the TBS adjustment.
	Pad Position		Adjusts the pad position.
	Measurement	Mecha	Executes a measurement of the mechanism.
		Ink System	Executes a measurement of the ink system.
	Print Adj. Variable		Prints the adjustment variables.
	Board Paper Check		Executes a Board Paper feeding check.
	LCD RGB Check	Red	Checks the operation of the LCD.
		Green	
		Blue	
	Panel Check	Button	Checks the operation of the Buttons and the LEDs.
		LED	
	Counter Check		Checks various counters.
	Counter Clear		Resets various counters.

Menu			Explanation
Maintenance	Tube Exchange		Exchanges an ink tube.
	Wiper Exchange		Exchanges the wiper.
	Pump Exchange		Exchanges the pump.
	Press Pump Exchange		Exchanges the pressurizing pump.
	Selector Exchange		Exchanges the ink selector.
	I/H Exchange		Exchanges the ink holder.
	Head Exchange		Exchanges the Printhead.
Cleaning	Std. CL1		Runs CL1.
	Std. CL2		Runs CL2.
	Std. CL3		Runs CL3.
	Init.Fill		Executes the initial ink charge.
	SSCL		Runs SSCL
	A/B (C/M)	CL1	Runs various cleanings for the nozzle row A/B.
		CL2	
		CL3	
		CL4	
	C/D (Bk/Lk)	CL1	Runs various cleanings for the nozzle row C/D.
		CL2	
		CL3	
		CL4	
	E/F (Or/Gr)	CL1	Runs various cleanings for the nozzle row E/F.
		CL2	
		CL3	
		CL4	
	G/H (LLk/Y) >	CL1	Runs various cleanings for the nozzle row G/H.
		CL2	
		CL3	
		CL4	

Menu			Explanation
Cleaning	I/J (Lm/Lc)	CL1	Runs various cleanings for the nozzle row I/J.
		CL2	
		CL3	
		CL4	
	ServicemanCL		Discharges the ink and runs cleaning of the ink path. (p410)
Parameter	Update	InkParateter	Sets/resets the ink initial charge flag.
		RTC	Configures the initializing date for the RTC.
	Display		Displays the NVRAM value of the specified address.
Life	CR	PG	Configures the durability settings of the mechanism and the printhead.
		H to F Speed	
		F to H Speed	
		Page Size	
		Fan	
		Life Count	
	PF	Feed Amount 1	
		Feed Speed 1	
		Feed Amount 2	
		Feed Speed 2	
		Wait	
		DD Nip	
		Fan	
		Life Count	

Menu			Explanation
Life	RR	Rotation (mm)	Configures the durability settings of the mechanism and the printhead.
		Speed	
		Release planet	
		Waiting period (sec.)	
		Life Count	
	Tension	Switching 1	
		Switching 2	
		Waiting period (sec.)	
		Life Count	
	Driven roller	Switching	
		Waiting period 1 (sec.)	
		Waiting period 2 (sec.)	
		Life Count	
	APG	PG	
		Wait	
		Life Count	
	Cutter	Length	
		Return Length	
		Speed	
		Return Speed	
		Wait1	
		Wait2	
		Fan1	
		Fan2	
		Life Count	

Menu			Explanation
Life	Take up	Take up Reel Rotation (mm)	Configures the durability settings of the mechanism and the printhead.
		Winding Speed	
		Waiting period (sec.)	
		Duration times	
	Colorimetric Carrier	CW Speed	
		CCW Speed	
		Movement Distance (mm)	
		Waiting period (sec.)	
		Duration times	
	Paper Pressing Plate	Waiting period (sec.)	
		Duration times	
	Carrir + Plate	CW Speed	
		CCW Speed	
		Movement Distance (mm)	
		Waiting period (sec.)	
		Duration times	
	Display Count	Display Count	

□ Epson Stylus Pro 7700/7710/9700/9710

Menu			Explanation
Test	Version	F/W	Displays the F/W version.
	FAN	Paper (Duty)	Checks the operation of each fan.
		Paper 1	
		Paper 2	
		Paper 3	
	Error History	...	Displays the history of errors in the reverse chronological order.
Mecha Adjustment	Paper		Adjusts the Paper Thickness Sensor.
	Rear AD		Adjusts the AD value of the Rear Sensor (PE Sensor).
	Selector Check		Checks the operation of the ink selector.
	APG Check		Checks the operation of the APG.
	PF Ageing	Variable Mode	Runs the PF Ageing.
		Ageing 400	
		Ageing 12	
	CR Ageing		Runs the CR Ageing.
	Cleaning PG	Adjustment	Runs the cleaning PG adjustment.
		Check	Runs the cleaning PG check.
	Decomp		Decompress the Pressurizing Pump.

Menu		Explanation
Mecha Adjustment	Nozzle/Alignment	Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
	IM Sensor Gap	Adjusts the gap of the Ink Mark Sensor.
	FAN	Operates the Suction Fan.
	Temporary PG	Unlocks the carriage lock and caps the Printhead.
	PF Head Slant	Adjusts the slant of the Printhead to the PF.
	CR Head Slant	Adjusts the slant of the Printhead to the CR.
	PG Adj.	Adjusts the platen gap.
	CR Scale	Moves the carriage unit by 10 pass, and displays the measured value.

Menu			Explanation
Mecha Adjustment	CR Active Damper	ALL	Executes the CR active dumper adjustment.
		240 cps	
		300 cps	
		Hybrid	
	AID Check		Runs the AID check.
	IM Sensor		Adjusts the sensitivity of the Ink Mark Sensor.
	Gap Adj.	Auto Uni-D	Runs the gap adjustment.
		Auto Bi-D	
	Feed Adj		Runs the band feed adjustment.
	Cutter		Checks the cutter operation.
	TBS Pos		Runs the TBS adjustment.
	Pad Position		Adjusts the pad position.
	Measurement	Mecha	Executes a measurement of the mechanism.
		Ink System	Executes a measurement of the ink system.
	Print Adj. Variable		Prints the adjustment variables.
	Board Paper Check		Executes a Board Paper feeding check.
	LCD RGB Check	Red	Checks the operation of the LCD.
		Green	
		Blue	
	Panel Check	Button	Checks the operation of the Buttons and the LEDs.
		LED	
	Counter Check		Checks various counters.
	Counter Clear		Resets various counters.

Menu			Explanation	
Maintenance	Tube Exchange		Exchanges an ink tube.	
	Wiper Exchange		Exchanges the wiper.	
	Pump Exchange		Exchanges the pump.	
	Press Pump Exchange		Exchanges the pressurizing pump.	
	I/H Exchange		Exchanges the ink holder.	
	Head Exchange		Exchanges the Printhead.	
Cleaning	Std. CL1		Runs CL1.	
	Std. CL2		Runs CL2.	
	Std. CL3		Runs CL3.	
	Init.Fill		Executes the initial ink charge.	
	SSCL		Runs SSCL	
	A/B/I/J (C/M/M/C)	CL1	Runs various cleanings for the nozzle row A/B/I/J.	
		CL2		
		CL3		
		CL4		
	C/D/G/H (Y/Pk/Pk/Y)	CL1	Runs various cleanings for the nozzle row C/D/G/H.	
		CL2		
		CL3		
		CL4		
	E/F (Mk/Mk)	CL1	Runs various cleanings for the nozzle row E/F.	
		CL2		
		CL3		
		CL4		
	I/J (Lm/Lc)	CL1	Runs various cleanings for the nozzle row I/J.	
		CL2		
		CL3		
		CL4		
	ServicemanCL			Discharges the ink and runs cleaning of the ink path. (p410)

Menu			Explanation
Parameter	Update	InkParateter	Sets/resets the ink initial charge flag.
		RTC	Configures the initializing date for the RTC.
	Display		Displays the NVRAM value of the specified address.
Life	CR	PG	Configures the durability settings of the mechanism and the printhead.
		H to F Speed	
		F to H Speed	
		Page Size	
		Fan	
		Life Count	
	PF	Feed Amount 1	
		Feed Speed 1	
		Feed Amount 2	
		Feed Speed 2	
		Wait	
		DD Nip	
		Fan	
		Life Count	
	RR	Rotation (mm)	
		Speed	
		Release planet	
		Waiting period (sec.)	
		Life Count	
	Driven roller	Switching	
		Waiting period 1 (sec.)	
		Waiting period 2 (sec.)	
		Life Count	
	APG	PG	
		Wait	
		Life Count	

		Menu	Explanation
Life	Cutter	Length	Configures the durability settings of the mechanism and the printhead.
		Return Length	
		Speed	
		Return Speed	
		Wait1	
		Wait2	
		Fan1	
		Fan2	
		Life Count	
	Take up	Take up Reel Rotation (mm)	
		Winding Speed	
		Waiting period (sec.)	
		Duration times	
	Display Count	Display Count	

□ Epson Stylus Pro WT7900/WT7910

Menu			Explanation
Test	Version	F/W	Displays the F/W version.
	FAN	Paper (Duty)	Checks the operation of each fan.
		Paper 1	
		Paper 2	
	Error History	...	Displays the history of errors in the reverse chronological order.
Mecha Adjustment	Paper		Adjusts the Paper Thickness Sensor.
	Rear AD		Adjusts the AD value of the Rear Sensor (PE Sensor).
	Selector Check		Checks the operation of the ink selector.
	APG Check		Checks the operation of the APG.
	PF Ageing	Variable Mode	Runs the PF Ageing.
		Ageing 400	
		Ageing 12	
	CR Ageing		Runs the CR Ageing.
	Cleaning PG	Adjustment	Runs the cleaning PG adjustment.
		Check	Runs the cleaning PG check.
	Decomp		Decompresses the Pressurizing Pump.
	Nozzle/Alignment	Output Pattern	Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
		Output Alignment	
		Cleaning CL1	
		Cleaning CL2	
		Cleaning CL3	
		Init.Fill	
		SSCL	
		A/B (C/M)	CL1
			CL2
			CL3
			CL4

Menu				Explanation
Mecha Adjustment	Nozzle/Alignment	C/D(W/CL)	CL1	Runs the check function of nozzle and alignment. From pattern printing to cleaning can be executed from this menu.
			CL2	
			CL3	
			CL4	
		E/F (Or/Gr)	CL1	
			CL2	
			CL3	
			CL4	
		G/H (Pk/Y)	CL1	
			CL2	
			CL3	
			CL4	
		I/J (Lm/Lc)	CL1	
			CL2	
			CL3	
			CL4	
	IM Sensor Gap			Adjusts the gap of the Ink Mark Sensor.
	FAN			Operates the Suction Fan.
	Temporary PG			Unlocks the carriage lock and caps the Printhead.
	PF Head Slant			Adjusts the slant of the Printhead to the PF.
	CR Head Slant			Adjusts the slant of the Printhead to the CR.
	PG Adj.			Adjusts the platen gap.
	CR Scale			Moves the carriage unit by 10 pass, and displays the measured value.
	CR Active Damper	ALL		Executes the CR active dumper adjustment.
		240 cps		
		300 cps		
		Hybrid		
	AID Check			Runs the AID check.
	IM Sensor			Adjusts the sensitivity of the Ink Mark Sensor.

Menu			Explanation
Mecha Adjustment	Gap Adj.	Auto Uni-D	Runs the gap adjustment.
		Auto Bi-D	
	Feed Adj		Runs the band feed adjustment.
	Cutter		Checks the cutter operation.
	TBS Pos		Runs the TBS adjustment.
	Measurement	Mecha	Executes a measurement of the mechanism.
		Ink System	Executes a measurement of the ink system.
	Print Adj. Variable		Prints the adjustment variables.
	Board Paper Check		Executes a Board Paper feeding check.
	LCD RGB Check	Red	Checks the operation of the LCD.
		Green	
		Blue	
	Panel Check	Button	Checks the operation of the Buttons and the LEDs.
		LED	
Maintenance	Counter Check		Checks various counters.
	Counter Clear		Resets various counters.
	Tube Exchange		Exchanges an ink tube.
	Wiper Exchange		Exchanges the wiper.
	Pump Exchange		Exchanges the pump.
	Press Pump Exchange		Exchanges the pressurizing pump.
	Selector Exchange		Exchange the Selector.
	I/H Exchange		Exchanges the ink holder.
	Head Exchange		Exchanges the Printhead.

Menu		Explanation
Cleaning	Std. CL1	Runs CL1.
	Std. CL2	Runs CL2.
	Std. CL3	Runs CL3.
	Init.Fill	Executes the initial ink charge.
	SSCL	Runs SSCL
	A/B (C/M)	Runs various cleanings for the nozzle row A/B.
	C/D (W/CL)	Runs various cleanings for the nozzle row C/D.
	E/F (Or/Gr)	Runs various cleanings for the nozzle row E/F.
	G/H (Pk/Y)	Runs various cleanings for the nozzle row G/H.
	I/J (Lm/Lc)	Runs various cleanings for the nozzle row I/J.
	ServicemanCL	Discharges the ink and runs cleaning of the ink path. (p410)
	WT Maint. CL	Executes the white ink sediment measure.

Menu			Explanation
Parameter	Update	InkParateter	Sets/resets the ink initial charge flag.
		RTC	Configures the initializing date for the RTC.
	Display		Displays the NVRAM value of the specified address.
Life	CR	PG	Configures the durability settings of the mechanism and the printhead.
		H to F Speed	
		F to H Speed	
		Page Size	
		Fan	
		Life Count	
	PF	Feed Amount 1	
		Feed Speed 1	
		Feed Amount 2	
		Feed Speed 2	
		Wait	
		DD Nip	
		Fan	
		Life Count	
	RR	Rotation (mm)	
		Speed	
		Release planet	
		Waiting period (sec.)	
		Life Count	
	Tension	Switching 1	
		Switching 2	
		Waiting period (sec.)	
		Life Count	
	Driven roller	Switching	
		Waiting period 1 (sec.)	
		Waiting period 2 (sec.)	
		Life Count	

Menu			Explanation
Life	APG	PG	Configures the durability settings of the mechanism and the printhead.
		Wait	
		Life Count	
	Cutter	Length	
		Return Length	
		Speed	
		Return Speed	
		Wait1	
		Wait2	
		Fan1	
		Fan2	
		Life Count	
	Colorimetric Carrier	CW Speed	
		CCW Speed	
		Movement Distance (mm)	
		Waiting period (sec.)	
		Duration times	
	Paper Pressing Plate	Waiting period (sec.)	
		Duration times	
	Carrir + Plate	CW Speed	
		CCW Speed	
		Movement Distance (mm)	
		Waiting period (sec.)	
		Duration times	
	Display Count	Display Count	

CHAPTER

2

OPERATING PRINCIPLES