

2016/2017

Guidebook Endoscopic Systems

including accessories



FUJIFILM
Value from Innovation

700 series endoscopes

Model name	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		
 EG-760R 	2–100	140°	9.2	9.3	2.8	210°/90°	100°/100°	1,100		130 % BLI, LCI Water jet
 EG-760Z 	Normal 3–100 Close 1.5–2.5	Normal 140° Close 56°	9.9	9.8	2.8	210°/90°	100°/100°	1,100		130 % BLI, LCI *1 Water jet Hood DH-14EN

Gastrosopes

 EC-760R-VM/VI/VL 	2–100	170°	12.0	12.0	3.8	180°/180°	160°/160°	1,330/1,520/ 1,690		130 % BLI, LCI Water jet "ColoAssist Adjust"
 EC-760ZP-VM/VL 	Normal 3–100 Close 1.5–2.5	Normal 140° Close 56°	11.7	11.8	3.2	180°/180°	160°/160°	1,330/1,690		130 % BLI, LCI *1 Water jet "ColoAssist Adjust" Hood DH-13CZ

600 series endoscopes

Model name	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		
 EG-600WR	2–100	140°	9.2	9.3	2.8	210°/90°	100°/100°	1,100		130 % Water jet
 EG-600ZW	Normal 3–100 Close 1.5–2.5	Normal 140° Close 56°	9.9	9.8	2.8	210°/90°	100°/100°	1,100		130 % *1 Water jet Hood DH-14EN

Colonoscopes

 EC-600WM/WI/WL	2–100	140°	12.0	12.0	3.8	180°/180°	160°/160°	1,330/1,520/ 1,690		130 % Water jet
 EC-600ZW M/L	Normal 3–100 Close 1.5–2.5	Normal 140° Close 56°	12.8	12.8	3.8	180°/180°	160°/160°	1,330/1,690		130 % *1 Water jet Hood DH-13CZ

*1 Multi Zoom: Optical magnification x 135.



500 Series endoscopes

Model name	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		

Ultra-slim gastroscopes

	EG-580NW2	3–100	140°	5.8	5.9	2.4	210°/90°	100°/100°	1,100		130 %
	EG-530NP	3–100	120°	4.9	5.1	2.0	210°/120°	–/–	1,100		80 %

Gastroscopes

	EG-590WR	6–100	140°	9.6	9.3	2.8	210°/90°	100°/100°	1,100		130 %
	EG-590ZW	Normal 6–100 Close 2–3	Normal 140° Close 55°	10.8	9.8	2.8	210°/90°	100°/100°	1,100		130 % *1 Hood DH-11GZ
	EG-580RD	3–100	140°	9.8	9.8	3.2	210°/120°	100°/100°	1,100		130 % Water jet Hood DH-28GR
	EG-530WR	4–100	140°	9.4	9.3	2.8	210°/90°	100°/100°	1,100		130 %
	EG-530FP	3–100	140°	8.5	8.5	2.8	210°/90°	100°/100°	1,100		130 %
	EG-530CT	3–100	140°	10.8	10.8	3.8	210°/90°	100°/100°	1,100		130 % Water jet
	EG-530D	3–100	140°	11.5	11.5	2.8/3.8	210°/90°	100°/100°	1,090		130 % Dual channel Water jet

Duodenoscopes

	ED-530XT	4–60	100° (retro 8°)	13.1	11.5	4.2	130°/90°	90°/110°	1,250		130 %
	ED-530XT8	4–60	100° (retro 8°)	13.1	11.5	4.2	130°/90°	90°/110°	1,250		130 % Detachable hood DC-06D

Colonoscopes

	EC-590WM4/WI4/ WL4	3–100	140°	12.8	12.8	3.8	180°/180°	160°/160°	1,330/1,520/ 1,690		110 % Water jet
	EC-590ZW3 M/L	Normal 6–100 Close 2–3	Normal 140° Close 55°	12.8	12.8	3.8	180°/180°	160°/160°	1,330/1,690		130 % *1 Water jet Hood DH-13CZ
	EC-580RD M/L	3–100	140°	9.8	10.5	3.2	210°/160°	160°/160°	1,330/1,690		130 % Water jet Hood DH-29CR
	EC-530WM3/WI3/ WL3	3–100	140°	12.8	12.8	3.8	180°/180°	160°/160°	1,330/1,520/ 1,690		110 % Water jet
	EC-530FI/FL	3–100	140°	12.8	12.8	3.8	180°/180°	160°/160°	1,520/1,690		110 % Water jet
	EC-530MP	3–100	140°	11.0	11.1	3.2	180°/180°	160°/160°	1,330		110 %
	EC-530LP	3–100	140°	11.0	11.1	3.2	180°/180°	160°/160°	1,690		130 %
	EC-530DM/DL	3–100	140°	12.8	12.8	3.8/2.8	180°/180°	160°/160°	1,330/1,690		130 % Dual channel Water jet
	ES-530WE	3–100	140°	12.8	12.8	3.8	180°/180°	160°/160°	790		130 % Water jet

*1 Optical magnification × 135.



500 Series endoscopes

Model name	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		

Double-Balloon Endoscopes

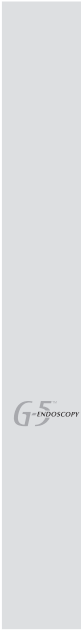
	EN-580T	2–100	140°	9.4	9.3	3.2	180°/180°	160°/160°	2,000		130 %	*2
	EN-580XP	2–100	140°	7.5	7.7	2.2	180°/180°	160°/160°	2,000		130 %	*3

Short Double-Balloon Endoscope

	EI-580BT		2–100	140°	9.4	9.3	3.2	180°/180°	160°/160°	1,550		110 %	*4
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Please check our 'Guidebook DBE Accessories' for details on accessories

Bronchoscopes

	EB-580S		2–100	120°	5.3	5.1	2.2	210°/130°	–/–	600		90 %	*5 BLI, LCI HF-compatible Diode laser compatible
	EB-580T		2–100	120°	5.8	5.9	2.8	180°/130°	–/–	600		90 %	*5 HF-compatible YAG and Diode laser compatible
	EB-530H		3–100	140°	5.4	4.9	2.0	180°/130°	–/–	600		130 %	*5 HF-compatible Diode laser compatible
	EB-530S		3–100	120°	4.9	4.9	2.0	180°/130°	–/–	600		90 %	*5 HF-compatible Diode laser compatible
	EB-530T		3–100	120°	5.8	5.9	2.8	180°/130°	–/–	600		90 %	*5 HF-compatible Diode laser compatible
	EB-530P		3–100	120°	3.8	3.8	1.2	180°/130°	–/–	600		90 %	*5 Diode laser compatible
	EB-530XT		3–100	120°	6.2	6.3	3.2	180°/130°	–/–	600		90 %	*5 HF-compatible Diode laser compatible

*2 Balloon controller PB-30, balloon BS-4 and overtube TS-1314B are required. Both products are latex-free.

*3 Balloon controller PB-30, balloon BS-4 and overtube TS-1114B are required. Both products are latex-free.

*4 Balloon controller PB-30, balloon BS-2 and overtube TS-13101 are required.

*5 Suction button SB-602 is required.



Endoscopy systems

Model

Product Description

Video Processors and Light Sources

NEW

VP-7000
BL-7000



- ▶ 4-LED Multi Light system
- ▶ BLI and LCI modes
- ▶ Full HD 1920 x 1080p digital output
- ▶ DICOM compatible
- ▶ Applicable to USB Flash memory
- ▶ DK-7000E keyboard
- ▶ Low energy, long-lasting LED light source

Video processor with light source for 500, 600 and 700 series endoscopes

- ▶ VP-7000 processor 9.0 kg, 390 mm (W) x 110 mm (H) x 485 mm (D)
- ▶ BL-7000 light source 12 kg, 390 mm (W) x 155 mm (H) x 485 mm (D)

EPX-3500HD



- ▶ 300 W Xenon lamp
- ▶ Full HD 1920 x 1080p digital output
- ▶ DICOM compatible
- ▶ Applicable to USB Flash memory
- ▶ DK-4450E keyboard
- ▶ 3 patterns FICE installed

Video processor with light source for 500 and 600 series endoscopes

- ▶ EPX-3500HD: VP-3500HD processor 8.0 kg, 390 mm (W) x 105 mm (H) x 460 mm (D)
- ▶ XL-4450 light source 15 kg, 390 mm (W) x 155 mm (H) x 450 mm (D)

EPX-2500



- ▶ 150 W Xenon lamp
- ▶ DK-2500 keyboard
- ▶ HD 1024 x 768p digital output
- ▶ Blood Vessels Enhancement Function

Video processor with light source for 200 and 530 series endoscopes^{*1}

- ▶ 17 kg, 375 mm (W) x 190 mm (H) x 495 mm (D)

^{*1} Ultrasonic videoscopes EG-530UR and UT cannot be connected



To learn more about BLI visit www.bli.eu

Monitors

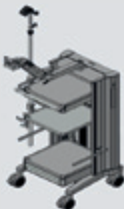
Model	Product Description
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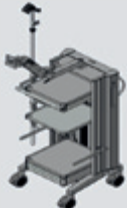
Monitors

FUJIFILM CDL 1909A 	 Image: CDL 1909A	19" LCD monitor ▶ 7 kg, 432 mm (W) x 353 mm (H) x 84.5 mm (D) ▶ Input signal: DVI-D, VGA, S-Video, Composite ▶ Output signal: S-Video, Composite
NEW Radiance 27" ULTRA  	 Image: Radiance 27" Including FUJIFILM BIOS for the best performance.	27" HD type LCD monitor with Ultra bright LED Backlight for FUJIFILM Endoscope system ▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality, Gorilla Glass front panel ▶ 8.9 kg, 678 mm (W) x 445 mm (H) x 84 mm (D) ▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA ▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite
Radiance 26" G2 HB LED  		26" HD type High Brightness LCD monitor with LED Backlight for FUJIFILM Endoscope system ▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality ▶ 8.2 kg, 673 mm (W) x 418 mm (H) x 88 mm (D) ▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA ▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite
Radiance 24" G2 LED  		24" HD type LCD monitor with LED Backlight for FUJIFILM Endoscope system ▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality ▶ 7.1 kg, 597 mm (W) x 401 mm (H) x 100 mm (D) ▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA ▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite
Radiance 19" HD  		19" HD type LCD monitor for FUJIFILM Endoscope system ▶ High-Definition, Full Multi-Modality ▶ 6.8 kg, 465 mm (W) x 400 mm (H) x 98 mm (D) ▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, composite, VGA ▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite
EndoVue 19" 	 Image: EndoVue 19"	19" HD type LCD monitor with LED Backlight for FUJIFILM Endoscope system ▶ 4,2 kg, 464.8 mm (W) x 396.2 mm (H) x 99 mm (D) ▶ Input Signal: DVI-D, HD-SDI, (HD-)RGBS, (HD-)YPbPr, VGA, S-Video, Composite



Carts

Model	Product Description	
Carts		
ITD-03	 Image: Cart ITD-03 plus	Compact cart with trafo ▶ Approx. 76 kg, 618 mm (W) x 1,331 mm (H) x 624 mm (D) ▶ 1x endoscope hanger, 3x shelves, 1x monitor stand ▶ 1,200 VA, Isolating transformer
ITD-03 GAS	 Image: Cart ITD-03 GAS	Uni-cart CO2 insufflator ▶ 35 kg, 540 mm (W) x 580 mm (H) x 857 mm (D) ▶ 3x shelf, 1x gas cylinder holder (Ø 145 mm, max. 20 kg)
ITD-03 Sono	 Image: Cart ITD-03 Sono	Uni-cart sonoprobe ▶ 40 kg, 540 mm (W) x 1,510 mm (H) x 580 mm (D) ▶ 3x shelves, 1x monitor stand ▶ 1x jointed arm ▶ 660 VA, Isolating transformer

Model	Product Description	
Carts		
ITD-03 Iso	 Image: Cart ITD-03 Iso plus (with insulation monitoring function)	Compact cart with insulation monitoring function ➤ Approx. 76 kg, 618 mm (W) x 1,331 mm (H) x 624 mm (D) ➤ 1x endoscope hanger, 3x shelves, 1x monitor stand ➤ 2,000 VA, Isolating transformer with Insulation monitoring function
ITD-03 EUS	 Image: Cart ITD-03 EUS Iso	Compact cart EUS system ➤ Approx. 85 kg, 618 mm (W) x 1,491 mm (H) x 624 mm (D) ➤ 2x endoscope hanger, 4x shelves, 2x monitor stand ➤ 2,000 VA, Isolating transformer with Insulation monitoring function
ITD-03 EUS with upgrade Kit		Compact cart EUS system with upgrade Kit ➤ Approx. 88 kg, 818 mm (W) x 1,765 mm (H) x 624 mm (D) ➤ 2x endoscope hanger, 4x shelves, 2x monitor stand ➤ 1x side shelf with jointed arm ➤ 2,000 VA, Isolating transformer with Insulation monitoring function
ITD-00+ Also available without back door	 Image: Cart ITD-00 with back door	Classic cart ➤ Approx. 70 kg, 720 mm (W) x 1630 mm (H) x 720 mm (D) ➤ 1x endoscope hanger with one-hand-adjustment, 1 shelf with a handle, 1 monitor stand



Model	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Frequency	Scanning method	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)	(MHz)		

Ultrasonic videoscopes

	EG-580UR*1	3–100	140°	11.4	11.5	2,8	190°/90°	100°/100°	1,250	5, 7, 5 10, 12	Electronic radial 360°	SU-1
	EG-580UT*2	3–100	140° (forward/ oblique 40°)	13.9	12.4	3.8	150°/150°	120°/120°	1,250	5, 7, 5 10, 12	Electronic curved linear array 150°	SU-1
	EB-530US*3	3–100	120° (forward/ oblique 10°)	6.7	6.3	2.0	130°/90°	–/–	610	5, 7, 5 10, 12	Electronic Curved linear array 65°	SU-1

*1 B20UR balloon is necessary
*2 B20UT balloon is necessary
*3 B20BU balloon is necessary

Type	Model name	Working length	Ø Outer diameter	Frequency	Suitable working channel	Scanning method	Remarks
		(mm)	(mm)	(MHz)			

Ultrasonic mini probes

P-series for Bronchoscopy	PB2020-M		2,150	1.4 (distal) – 1.9 (proximal)	20.0	Larger than 2.0 mm	Mechanical radial	SP-900
P-series for Gastroenterology	P2625-M		2,200	2.6	25.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2620-M		2,200	2.6	20.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2615-M		2,200	2.6	15.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2612-M		2,200	2.6	12.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2620-L		2,700	2.6	20.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2615-L		2,700	2.6	15.0	Larger than 2.8 mm	Mechanical radial	SP-900
	P2612-L		2,700	2.6	12.0	Larger than 2.8 mm	Mechanical radial	SP-900

Model	Product Description
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Ultrasonic processor

SU-1		▶ 13.0 kg, 390 mm (W) x 135 mm (H) x 485 mm (D), AC 100 – 240 V ▶ Flat CP-1 keyboard with touch pad or trackball ▶ Probe type: Radial, Curved linear array ▶ Ultrasound scanning mode: 5–12MHz/Power Doppler / Colour Doppler / PW Doppler / M mode / B mode / TH/CH/CHI/Elastography ▶ Available as SU-1-S- and SU-1-H-. CHI and Elastography modes are available only in SU-1-H-
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Ultrasonic mini probe processor

SP-900		▶ 8 kg, 377 mm (W) x 80 mm (H) x 480 mm (D), AC 100 – 240 V ▶ CP-900 control pad ▶ Scanning method: mechanical radial ▶ Ultrasound scanning mode: B mode
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Fiberscopes

Model name	Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
	(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		

Gastrosopes

FG-1Z	3–100	105°	9.5	9.8	2.8	210°/90°	100°/100°	1,030		
FG-1ZP	3–100	105°	7.8	7.9	2.2	210°/90°	100°/100°	1,030		

Colonoscopes

FC-1Z	3–100	120°	13.0	13.0	3.2	180°/180°	160°/160°	1,660		
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Bronchoscopes

FB-120S	1–50	120°	4.8	4.9	2.2	180°/130°	–/–	600		HF-compatible
FB-120T	1–50	120°	5.9	5.9	2.8	180°/130°	–/–	600		HF-compatible
FB-120P	1–50	100°	2.7	2.8	1.2	180°/130°	–/–	600		
FB-120MP	1–50	120°	4.8	4.9	2.2	180°/130°	–/–	600		Mobile type + HF-compatible

Model	Product Description
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Light sources

PS2-HP		Light source for all fiberscopes ▶ Air pump ▶ 150 W halogen lamp ▶ 8.6 kg ▶ 195 mm (W) x 215 mm (H) x 350 mm (D)
PS2-HN		Light source exclusively for fiberscopes ▶ No air pump ▶ 150 W halogen lamp ▶ 7.9 kg ▶ 195 mm (W) x 215 mm (H) x 350 mm (D)



Special endoscopes

Model name		Observation range	Angle of view	Ø Distal end	Ø Insertion tube	Ø Working channel	Bending capacity	Bending capacity	Working length	Size of image	Remarks
		(mm)		(mm)	(mm)	(mm)	(up/down)	(left/right)	(mm)		
ENT/Naso-Pharyngo-Laryngoscopes											
Fiber	FR-120F	3-50	90°	3.3	3.2	-	130°/130°	-/-	300		
G5	ER-530S2	3-50	90°	2.9	3.2	-	130°/130°	-/-	300	110%	
G5	ER-530T	2-50	140°	5.4	4.9	2.0	130°/130°	-/-	400	130%	

ESD accessories

Model		Identifier	Knife length	Working length	Ø Suitable working channel	Remarks
			(mm)	(mm)		
FlushKnife						
	DK2618J	- B15 -	1.5	1,800	2.8	Ball tip
		- B20 -	2.0	1,800	2.8	Ball tip
		- B25 -	2.5	1,800	2.8	Ball tip
		- B30 -	3.0	1,800	2.8	Ball tip
	DK2623J	- B15 -	1.5	2,300	2.8	Ball tip, Long type
		- B20 -	2.0	2,300	2.8	Ball tip, Long type
	DK2618J	- N10 -	1.0	1,800	2.8	Needle tip
		- N15 -	1.5	1,800	2.8	Needle tip
		- N20 -	2.0	1,800	2.8	Needle tip
		- N25 -	2.5	1,800	2.8	Needle tip
		- N30 -	3.0	1,800	2.8	Needle tip
	DK2623J	- N15 -	1.5	2,300	2.8	Needle tip, Long type
		- N20 -	2.0	2,300	2.8	Needle tip, Long type

Model	Identifier	Knife length	Working length	Ø Suitable working channel	Remarks
		(mm)	(mm)		

ClutchCutter

	DP2618DT - 35 -	- 35 -	3.5	1,800	2.8
	DP2618DT - 50 -	- 50 -	5.0	1,800	2.8



Model	Outer diameter	Inner diameter of tip	Tip length	Accessory guide	Applicable endoscope	Remarks
	(mm)	(mm)	(mm)			

ST hood for ESD and POEM

DH-15GR	12.2	7.0	8.3	Yes	EG-760R, EG-760Z, EG-600WR, EG-600ZW, EG-590WR, EG-530WR, EG-580RD	
DH-16CR	16.0	7.0	8.3	Yes	EC-760ZP-VM/VL, EC-760R-VM/VI/VL, EC-600WM, WI, WL, EC-600ZW M/L, EC-590WM4, WI4, WL4, EC-590ZW3 M/L, EC-530WM3, WI3, WL3	
DH-28GR	11.8	8.0	7.0	Without	EG-760Z, EG-760R, EG-600WR, EG-600ZW, EG-590WR, EG-530WR, EG-580RD	Short type
DH-29CR	13.0	8.0	7.0	Without	EG-590ZW, EC-580RD, EC-530MP, EC-530LP	Short type
DH-30CR	14.8	8.0	7.0	Without	EC-760R-VM/VI/VL, EC-760ZP-VM/VL, EC-600WM, WI, WL, EC-600ZW M/L, EC-590WM4, WI4, WL4, EC-590ZW3 M/L, EC-530WM3, WI3, WL3	Short type

Observation hood

DH-11GZ	13.2		2.5		EG-590ZW	
DH-13CZ	15.7		3.0		EC-760ZP-VM/VL, EC-760R-VM/VI/VL, EC-600WM, WI, WL, EC-600ZW M/L, EC-590WM4, WI4, WL4, EC-590ZW3 M/L, EC-530WM3, WI3, WL3	
DH-14EN	10.8		1.5		EG-760Z, EG-600ZW	
DH-17EN	11.5		1.5		EI-580BT, EN-580T	



Peripheral devices

Model	Product Description
PB-30 	Balloon controller for DBE endoscopes ▶ 10kg, 350mm (W) x 130 mm (H) x 420 mm (D) AC230V ▶ Pressure of balloon: 5.6 kpa ± 2 kpa ▶ Max. flow rate of pump: 170 ± 50ml/10sec.
JW-2 	Water pump for FUJIFILM endoscopes with a water jet channel ▶ Foot switch operation ▶ Flow late adjustment function ▶ 2.6 kg ▶ 145 mm (W) x 130 mm (H) x 265 mm (D): Main unit
GW-100 	CO2 gas regulator for FUJIFILM endoscopes ▶ Management gas flow: Max. 65 kPa ▶ Applicable to hospital pipeline CO2 ▶ Change the flow level on the front panel (Standard and low flow) ▶ 6 kg ▶ 145 mm (W) x 170 mm (H) x 390 mm (D)





FUJIFILM

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