

# Technical Data d-lab.1 basic



## Scanner

### Film formats

CN film: 135 (F, P), IX240\*, 135 b&w, 135 framed slides\*

### Scanner system

Prescan, real one-pass processing for all film brands, types, formats; main scan with high-resolution CCD chip (1,640 x 2,460 pixels) including AgfaPhoto d-TFS digital Total Film Scanning

### Lens

Bifocal lens (for all formats)

## Digital input

### Digital camera

SmartMedia Card, CompactFlash Card, MicroDrive (type I, II, III), Memory Stick, SD/Multimedia Card

### Other digital media

CD

### CD writing

film on CD, file on CD

### Network

Ethernet 100 Base T, ready for connection to AgfaPhoto image box, PC and Macintosh (order processing via AgfaPhoto d-lab transfer software)

## Print processing

### d-TFS automatic correction system

Colour, density and contrast management, sharpness management, over-/underexposure improvement, dust and scratch correction for CN films, colour tone differentiation

### Special effects

White and colour borders, text insertion, b&w and sepia effects, x-y cropping and enlargements

### Passport/combi print\*

Passport photos, different sizes of one image on one print

### Special photo products with image box\*

Greeting cards, business cards, passport photos etc.

### Index print

Up to 21 x 30 cm (8<sup>1</sup>/<sub>4</sub>" x 12") on photographic paper as last photo of the order, different sizes in one order possible

## Printer

### Exposure system

MDDM printing technology\* (Micro-Dot-Display Multiplexing)

### Light source

LED

### Print resolution

Max print format 15 x 20 cm (6" x 8"), 380 ppi; Max print format 21 x 30 cm (8<sup>1</sup>/<sub>4</sub>" x 12"), 260 ppi

### LCD resolution

1,200 x 1,600 pixels

### AgfaPhoto enhancements

4 x microstepping special masking

### Print formats

All formats up to 21 x 30 cm (8<sup>1</sup>/<sub>4</sub>" x 12")

### Paper magazine

basic 1: 1 x 21 cm (1 x 8<sup>1</sup>/<sub>4</sub>"); basic 2: 2 x 21 cm (2 x 8<sup>1</sup>/<sub>4</sub>")

### Paper width mm (")

89 (3<sup>1</sup>/<sub>4</sub>), 95 (3<sup>3</sup>/<sub>4</sub>), 102 (4), 114 (4<sup>1</sup>/<sub>2</sub>), 120 (4<sup>3</sup>/<sub>4</sub>), 127 (5), 152 (6), 165 (6<sup>1</sup>/<sub>2</sub>), 178 (7), 203 (8), 210 (8<sup>1</sup>/<sub>4</sub>)

### Reverse side printing

1 line, 80 characters

\* Optional

## D-LAB Electronic - Equipment Minilab System

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<b>Paper processor Process</b>	easy paper box 110				
<b>Paper transport</b>	Page roll transport, dual-track transport up to picture width ≤ 102 mm (4")				
<b>Process time</b>	3 min 25 sec (incl drying)				
<b>Tanks</b>	<b>Processing tanks</b> CD: approx 9.5 l BX: approx 9.5 l SB: approx 4 x 5.5 l	<b>Replenishing tanks</b> CD: 4.5 l BX: 7.5 l SB: 4.5 l	<b>Effluent tanks</b> CD: 3.5 l BX: 4.5 l SB: 5.0 l		
<b>Evaporation comp</b>	Automatic				
<b>Operation User interface</b>	CRT monitor and mouse or LCD monitor**** and mouse				
<b>Operating concept</b>	Ergonomic-intuitive, menu control, with preset order configuration; zero button operation, online help function, switchable image display function "Easy screen" for selection of predefined products				
<b>Performance Film format 135-24</b>	Picture format (mm)	89 x 127	102 x 152	127 x 178	203 x 305
	Picture format (")	3.5 x 5	4 x 6	5 x 7	8 x 12
	Paper width (mm/")	127/5	152/6	127/5	203/8
	Prints/h (effective)	780	730	530	240
	Orders/h incl index	31	29	21	9½
	Prints/h (multi-print)*	920	900	540	250
<b>Film format IX240-25 C/H/P-standard mix</b>	Paper width (mm/")	89/5	102/4		
	Orders/h incl index	27	25		
<b>Digital media from CD (file print mode)</b>	Picture format (mm)	89 x 127	102 x 152	127 x 178	203 x 305
	Picture format (")	3.5 x 5	4 x 6	5 x 7	8 x 12
	Paper width (mm/")	127/5	152/6	127/5	203/8
	Prints/h (effective)**	880	780	540	250
	Prints/h (multi-print)*	920	900	540	250
<b>CD writing (on-board) from film incl index print Film format 135-24***</b>	Resolution (pixels)	1,500 x 1,000		2,640 x 1,640	
	Orders/h (without prints)	43		43	
	Orders/h (with prints 102 x 152 mm/4 x 6")	20		20	
<b>Dimensions / weight ... Dimensions (L x W x H)</b>	d-lab.1s basic 1: 172 x 84 x 163 cm/68 x 33 x 64 inches (incl auxiliary shelf) d-lab.1s basic 2: 189 x 84 x 163 cm/75 x 33 x 64 inches				
<b>Required ceiling height</b>	200 cm/79 inches				
<b>Weight (empty)</b>	d-lab.1 basic 1: approx 600 kg/1,322 lbs; d-lab.1 basic 2: approx 635 kg/1,399 lbs				
<b>Weight (incl chemicals)</b>	d-lab.1 basic 1: approx 645 kg/1,421 lbs; d-lab.1 basic 2: approx 680 kg/1,498 lbs				
<b>Power supply</b>	3W+N+PE 220/380 V, 230/400 V, 240/415 V, 50/60 Hz, 3 x 16 A 3W+PE 220 V, 210 V, 220 V, 230 V, 240 V, 50/60 Hz, 3 x 25 A 2W+PE 220 V, 210 V, 220 V, 230 V, 240 V, 50/60 Hz, 1 x 32 A 1W+N+PE 220 V, 210 V, 220 V, 230 V, 240 V, 50/60 Hz, 1 x 32 A				
<b>Chemicals Tank kits</b>	d-lab.1 paper tank kit for first-time use				
<b>Replenishers</b>	easy paper box 110				
<b>Capacity</b>	110 m <sup>2</sup>				

\* Max print capacity from single negative

\*\* Order containing 30 different image files, resolution: 1,600 x 2,000 pixels, file format: JPEG, average file size: 700 KB

\*\*\* File format: JPEG, medium compression

\*\*\*\* Optional

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