

# Technical Data

## d-lab.1 allrounder



**D-LAB Electronic - Equipment Minilab System**

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**D-Lab Electronic LTD**  
Equipment Minilab System

<b>Film processor</b>			
<b>Film formats</b>	135, IX240, 120/220, 110		
<b>Chemicals</b>	easy film box F1, d-lab.1 easy film box F2		
<b>Replenishing</b>	Automatic		
<b>Evaporation balance</b>	Automatic		
<b>Film transport</b>	Single track leader card		
<b>Throughput speed</b>	65 cm/min or 26"/min		
<b>Process time</b>	9 min 20 sec (incl drying)		
<b>Tanks</b>	<b>Processing tanks</b> DEV: ca. 11.5 l BL: ca. 3.8 l FX: ca. 2 x 3.1 l SB: ca. 3 x 2.1 l	<b>Replenishing tanks</b> DEV: 9.0 l BL: 1.0 l FX: 6.6 l SB: 4.1 l	<b>Effluent tanks</b> DEV + BL: 4.8 l FX + SB: 6.2 l
<b>Scanner</b>			
<b>Film formats</b>	CN film: 135 (F, P), IX240, 135 b&w, 135 framed slides*, 135 slide film*		
<b>Scanner system</b>	Prescan, real one-pass processing for all film brands, types, formats; mainscan with high-resolution CCD chip (1,640 x 2,460 pixels) including AgfaPhoto d-TFS digital Total Film Scanning		
<b>Lens</b>	Bifocal lens (for all formats)		
<b>Digital input/ CD writing</b>			
<b>Digital camera</b>	SmartMedia Card, CompactFlash Card, Microdrive PC Cards (types I, II and III), Memory Stick, Multimedia Card/SD Card.		
<b>Other digital media</b>	CD		
<b>CD writing</b>	film on CD, file on CD		
<b>Network</b>	Ethernet 100 Base T; ready for connection to the AgfaPhoto image box kiosk or workstation, PC and Macintosh (order processing via AgfaPhoto d.lab transfer software), requires d-workflow software.		
<b>Dimensions</b>	(L x W x H) 432 x 460 x 370 mm/17 x 18 x 15 inches		
<b>Optional services</b>	Accessories		
<b>Invoice receipts*</b>	Thermal printer with 80 mm paper width		
<b>Print to print*</b>	Flatbed scanner and print to print license code		
<b>Transfer of order data*</b>	License code for the transfer		
<b>Print processing d-TFS automatic correction</b>	Colour, density and contrast management, sharpness management, over-/underexposure improvement, dust and scratch correction for CN films, colour tone differentiation		
<b>Special effects</b>	White and colour borders, text insertion, b&w and sepia effects, x-y cropping and enlargements		
<b>Passport/combiprint*</b>	Passport photos, different images on one print		
<b>Special photo products with image box*</b>	Greeting cards, business cards, passport photos, etc		
<b>Index print</b>	Up to 21 x 30 cm (approx 8 x 12 inches), on photographic paper as last picture of the order, different sizes in one order possible		
<b>Printer</b>			
<b>Exposure system</b>	MDDM print technology (Micro-Dot-Display-Multiplexing)		
<b>Light source</b>	LED		
<b>Print resolution</b>	Max print format 15 x 20 cm (6" x 8"), 380 ppi; Max print format 21 x 30 cm (8" x 12"), 260 ppi		
<b>LCD resolution</b>	1,200 x 1,600 pixels		
<b>AgfaPhoto enhancements</b>	4x microstepping special masking		

<b>Print formats</b>	All formats up to 21 x 30 cm (8 <sup>1</sup> / <sub>4</sub> " x 12")				
<b>Paper magazines</b>	2 x 21 cm (2 x 8 <sup>1</sup> / <sub>4</sub> "				
<b>Paper width mm (")</b>	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> )				
<b>Reverse side printing</b>	1 line, 80 characters				
<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>	<b>Replenishing tanks</b>	<b>Effluent tanks</b>		
	CD: approx 9.5 l BX: approx 9.5 l SB: approx 4 x 5.5 l	CD: 4.5 l BX: 7.5 l SB: 4.5 l	CD: 3.5 l BX: 4.5 l SB: 5.0 l		
<b>Evaporation comp</b>	Automatic				
<b>Operation User interface</b>	LCD touch-screen monitor, can be operated with gloves on				
<b>Operating concept</b>	Ergonomic-intuitive, menu control with preset order configuration, Zero Button operation, online help function, switchable picture 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	9 <sup>1</sup> / <sub>2</sub>
	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 in file print mode from CD-ROM</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 incl index print Film format 135-24***</b>	Resolution (pixels)	1,500 x 1,000		2,460 x 1,640	
	Orders/h (without prints)	43		43	
	Orders/h (with prints)	20		20	
	102 x 152 mm/4 x 6")				
<b>Dimensions / weight ... Dimensions</b>	(L x W x H) 220 x 84 x 163 cm/87 x 33 x 64 inches (incl sorter)				
<b>Required ceiling height</b>	200 cm/79 inches				
<b>Weight (empty)</b>	830 kg/1,830 lbs				
<b>Weight (incl chemicals)</b>	930 kg/2,050 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 film tank kit for first-time use d-lab.1 paper tank kit for first-time use				
<b>Replenishers</b>		<b>Capacity</b>			
	easy paper box 110	110 m <sup>2</sup>			
	easy film box F1	400 films			
	d-lab.1 easy film box F2	200 films			



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