Agfa d-lab.1
Technical Data.

Film Processor

▶ **Film formats**	135, IX240, 120/220, 110
▶ **Chemicals**	easy film box F1, d-lab.1 easy film box F2
▶ **Replenishing**	Automatic
▶ **Evaporation balance**	Automatic
▶ **Film transport**	Single track leader card
▶ **Throughput speed**	65 cm/min or 26"/min
▶ **Process time**	9 min 20 sec (incl. drying)

▶ **Tanks**

Processing tanks	**Replenishing tanks**	**Effluent tanks**
DEV: approx. 11.5 l	DEV: 9.0 l	DEV + BL: 7.5 l
BL: approx. 3.8 l	BL: 1.0 l	FX + SB: 5.9 l
FX: approx. 2 x 3.1 l	FX: 6.6 l	
SB: approx. 3 x 2.1 l	SB: 4.1 l	

Scanner

▶ **Film formats**	CN film: 135, IX240, 110, 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 Agfa d-TFS digital Total Film Scanning
▶ **Lens**	Bifocal lens (for all formats)

Digital Input

Via image box

▶ **Monitor**	TFT touch-screen monitor
▶ **Processor**	Pentium, ≥ 1.6 GHz, ≥ 512 MB RAM
▶ **Software**	Agfa image box workstation software includes Agfa Image Enhancement Technology
▶ **Input**	
▶ Digital camera:	SmartMedia card, CompactFlash card, Microdrive PC cards (types I, II and III), Memory Stick, Multimedia card/SD card
▶ Other digital media:	CD
▶ **Output**	Data transfer to d-lab.1
▶ **CD writing**	film on CD, file on CD

▶ **Basic function**	Print from digital
▶ **Network**	Ethernet 100 Base T; ready for connection to Agfa image box kiosk or workstation, Agfa pixtasy 5.0 print processing station, PC and Macintosh computers (order processing via Agfa d-lab transfer software), requires d-workflow software
▶ **Dimensions**	(W x H x D) 432 x 460 x 370 mm / 17 x 18 x 15 inches
▶ **Optional services**	Accessories
▶ Invoice receipts	Thermal printer with 80 mm paper width
▶ Print to print	Flatbed scanner and print to print license code
▶ Transfer of order data	License code for transfer via CD

Print Processing

▶ **d-TFS automatic correction**	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, black & white and sepia effects, x-y cropping and enlargements
▶ **Passport/combiprint (optional)**	Passport photos, different images in one print
▶ **Special photo products with pixtasy 5.0 image processing (optional)**	Greeting cards, business cards, passport photos, calendar pictures, CD covers, etc.
▶ **Index print**	Up to 21 x 30 cm ($8\frac{1}{4}$" x 12"), on photographic paper as last picture of the order, different sizes in one order possible

Printer

▶ **Exposure system**	MDDM print 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 ($8\frac{1}{4}$" x 12"), 260 ppi
▶ LCD resolution:	1,200 x 1,600 pixels
▶ Agfa enhancements:	4 x microstepping special masking
▶ Print formats:	All formats up to 21 x 30 cm ($8\frac{1}{4}$" x 12")
▶ **Paper magazine**	2 x 21 cm / $8\frac{1}{4}$" (max. width) resp. 180 m / 590 ft (max. length)
▶ **Paper width mm (")**	89 ($3\frac{1}{2}$), 95 ($3\frac{3}{4}$), 102 (4), 114 ($4\frac{1}{2}$), 120 ($4\frac{3}{4}$), 127 (5), 152 (6), 165 ($6\frac{1}{2}$), 178 (7), 203 (8), 210 ($8\frac{1}{4}$)
▶ **Reverse side printing**	1 line, 80 characters

* Agfa development, licensed by Applied Science Fiction   ** Agfa patents pending   *** Production via image box   **** 1 m² = approx. 2.5 films

Paper processor

▶ **Process**	easy paper box 110
▶ **Paper transport**	Page roll transport, dual-track transport up to picture width ≦ 102 mm (4")
▶ **Process time**	3 min 25 sec (incl. drying)

▶ **Tanks**	**Processing tanks**	**Replenishing tanks**	**Effluent tanks**
	CD: approx. 9.5 l	CD: 6.75 l	CD: 3.5 l
	BX: approx. 9.5 l	BX: 7.5 l	BX: 4.5 l
	SB: approx. 4 x 5.5 l	SB: 4.5 l	SB: 5.0 l

▶ **Evaporation comp.**	Automatic

Operation

▶ **User interface**	LCD touch-screen monitor, can be operated with gloves on
▶ **Operating concept**	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

Performance

▶ **Film format 135-24**		
	Picture format (mm)	102 x 152
	Picture format (")	4 x 6
	Prints/h (effective)	≥ 625[1]
	Orders incl. index	≥ 25[1]

▶ **Film format IX240-25 C/H/P standard-mix**		
	Paper width (mm)	102 x 152
	Paper width (")	4 x 6
	Orders incl. index	≥ 22[1]

▶ **Digital media in file print mode from CD-ROM*****		
	Picture format (mm)	102 x 152
	Picture format (")	4 x 6
	Prints/h (effective)	≥ 600[1]
	Orders incl. index	≥ 24[1]

▶ **CD writing*****	CDs/h	≥ 20[1]

[1]Preliminary information. Final data will be available January 2004.

Dimensions/Weights/Power Supply

▶ **Dimensions**	(L x W x H) 220 x 84 x 163 cm / 87 x 33 x 64 inches (incl. sorter)
▶ **Required ceiling height**	200 cm/79 inches
▶ **Weight (empty)**	830 kg/1,830 lbs
▶ **Weight (incl. chemicals)**	930 kg/2,050 lbs
▶ **Power supply**	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

Chemicals

▶ **Tank kits**	d-lab.1 film tank kit for first-time use d-lab.1 paper tank kit for first-time use

▶ **Replenishers**		**Capacity**
	easy paper box 110	110 m^2 ****
	easy film box F1	400 films
	d-lab.1 easy film box F2	200 films