

Peak productivity and utmost versatility.
d-lab.2plus



World Class Imaging Solutions

AGFA 

The formula for success and maximum profit: Productivity plus versatility.

Up until now, there were only two ways to make the most of the photo processing business: You could either focus on creating the maximum number of standard prints per hour, or you could offer customers a full range of special orders. The most intelligent solution is to combine the best of both worlds. And this is exactly what you get with the new Agfa d-lab.2plus minilab – a unique combination of peak production speed and utmost versatility. The d-lab.2plus power machine gives you the ideal solution – for maximum prints per hour, a wide variety of special orders, or both at the same time. Combine the exceptional capacity of **1,700 prints per hour from analogue and digital media** with a full range of **profitable output options**.

The formula for success and maximum profit:

Productivity_{max} + Versatility_{max} = d-lab.2plus

- ▶ **1,700 prints per hour from digital input media plus utmost versatility**

Balance out your potential

▶ **Standard business:**

In the on-site processing market, film developing and printing account for the majority of all incoming orders.

▶ **Speciality business:**

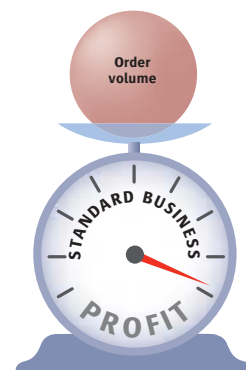
A growing portion of all incoming orders in the on-site processing markets is achieved with speciality orders like passport photos, greeting cards, enlargements, and digital services.

Examples of profitable special orders:

- ▶ Print formats from wallet size up to 30 x 45 cm or 12" x 18" poster format
- ▶ Prints from 135, APS, 110*, and 120* film formats ▶ Prints from digital camera media
- ▶ Index prints ▶ Prints from digital files on CD-ROM, floppy, or ZIP disks
- ▶ Prints from mounted slides* ▶ Instant passport photos* ▶ Print-to-print* ▶ Film on CD*
- ▶ ... and more ... such as prints with text or with decorative frames*

▶ **Profit potential:**

To achieve peak productivity in your business, you need the best possible printing technology. On average, standard business represents only half of your profit potential. The other half is typically generated with special orders. You can make the most of this potential with the Agfa d-lab.2plus – for maximum print performance from digital media.



*Additional equipment required. Ask for more information on Agfa pixtasy, Agfa e-box, AGFAnet Print Service, AGFAnet Web Album, or d-lab.2plus transfer software.

Better prints automatically – thanks to d-TFS.



d-TFS – The definition of quality:

Exclusive Agfa image processing technology automatically analyses and adjusts pictures for colour, sharpness, contrast, and exposure. It's just one more advantage to put you ahead of the competition – and deliver consistent print production quality. Discover Agfa d-TFS (digital Total Film Scanning) for automatically better prints, resulting in an unmatched first-run print rate.

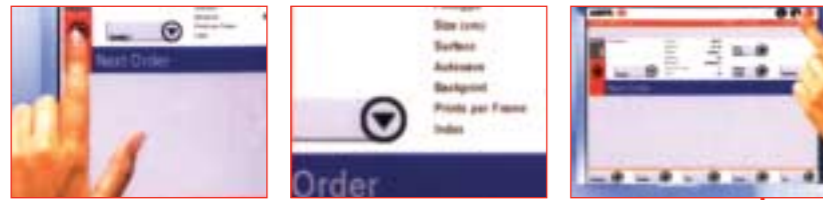
Perfect d-lab.2plus laser technology is designed for high-end photo processing. Clearly better image quality is achieved without an external light source at a resolution of 400 ppi.

Versatility pays off

Are you interested in selling large-format prints – up to 30 x 45 cm or 12" x 18"?

Combine an unmatched first-run print rate with the demand for speciality orders and offer your customers all the advantages of digital imaging technology. Count on a versatile business solution that delivers high-quality output all the way up to 30 x 45 cm or 12" x 18" poster prints.

New dimensions in digital imaging. The d-lab.2plus world.



Faster and easier

Intuitive operation

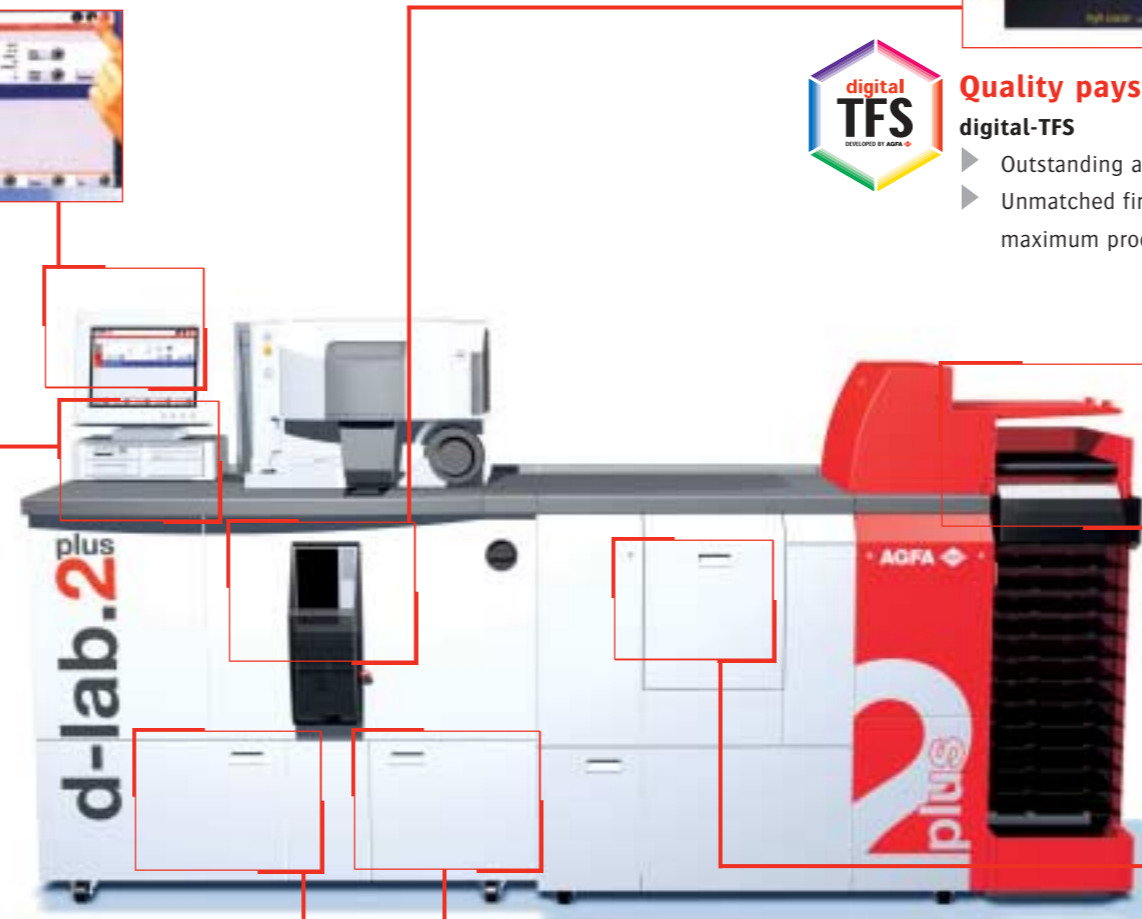
- ▶ Touchscreen monitor
- ▶ High degree of automation
- ▶ Information and online help functions
- ▶ Adjustable user profiles
- ▶ Six operating languages
- ▶ Integrated timer



Ready for anything

Direct input from digital media

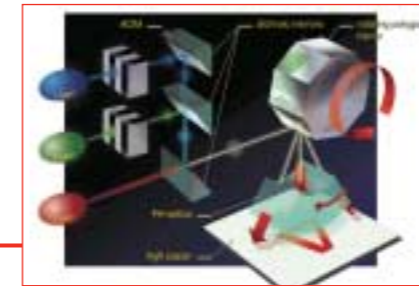
- ▶ High-performance computer for maximum productivity from digital media
- ▶ Separate drive units for ergonomic operation



Quality pays off

digital-TFS

- ▶ Outstanding automatic image quality
- ▶ Unmatched first-run print rate for maximum productivity



A perfectly matched system

High-quality images up to 30 x 45 cm or 12" x 18" with Agfa Prestige Digital Paper

- ▶ This high-quality paper with its distinct golden backprint is exactly what you need for optimum laser printing.



Safe, clean, and fast

New chemical docking system d-lab.2plus easy paper chemicals

- ▶ Easy plug & play means optimum handling, reduced storage, and increased convenience.



Paper widths from 89 to 305 mm or 3.5" to 12"



Paper widths from 89 to 305 mm or 3.5" to 12"

Increased business with special sizes

Four or more print sizes at the touch of a button

- ▶ Up to 30 x 45 cm or 12" x 18" without exchanging paper cartridges

Real productivity for real professionals.

It's no secret that image quality is automatically better with d-lab.2plus. This remarkable advance from Agfa is the result of proven TFS (Total Film Scanning) optical image processing – and it's complemented by a host of new digital features.

The new d-TFS provides consistently homogeneous colour and density for photos from single or multiple rolls of film. It also enriches high quality in three new dimensions.

▶ **Improved automatic correction:**

Thanks to digital technology prints from film are clearly better and closer to real life.

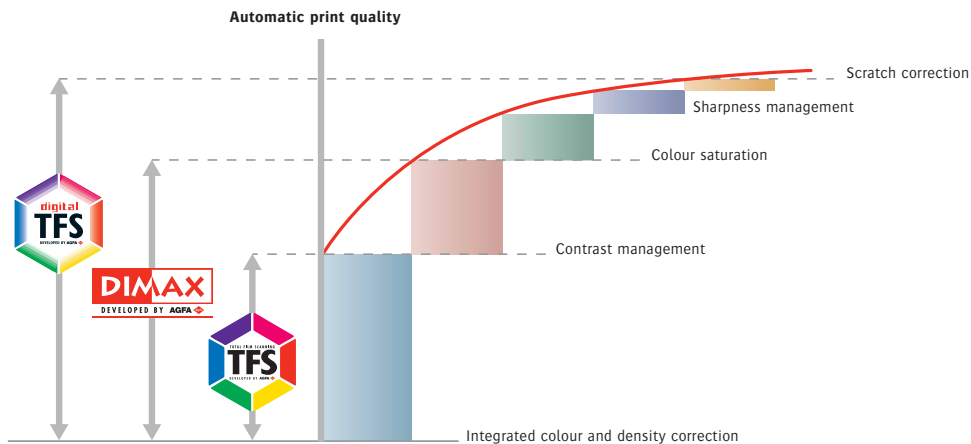
▶ **Maximum first-run print rate:**

Errors are recognised and corrected right from the start. You benefit from increased productivity – automatically. And your customers will be more satisfied than ever.



▶ **Digital harmonisation:**

There are many more varieties of digital cameras than types of film. d-TFS uses digital harmonisation technology to ensure consistent print production quality.



First class image enhancement. The automatic print quality – which is already outstanding thanks to Agfa TFS and DIMAX technologies – is improved even more by d-TFS. Visible progress that earns money.

Chemicals and paper: Superiority with a system.

Agfa technology is based on a system concept. That's why the photographic papers and chemicals specially developed for d-lab.2plus are perfectly matched.

Top-quality paper:

Specially designed for the short exposure times of laser scanners, Agfa Prestige Digital Paper produces excellent brilliance and saturated blacks – without fringing! The golden imprint on the back of the premium paper clearly indicates that this is a high-quality print.

Just add water:

The d-lab.2plus system is based on the advanced easy paper chemical concept from Agfa. All of the required chemicals are contained in a single compact box. The replenisher supply is handled automatically inside the minilab. All you have to do is add water. This concept has been further improved with the easy paper box 110 in the d-lab.2plus. Now you can print 50 % more paper – up to 110 sqm!

You have all the advantages:

- ▶ Handling chemicals is easy with the easy paper box 110
- ▶ 50 % more capacity
- ▶ Requires no manual intervention
- ▶ Saves time
- ▶ Intelligent box system eliminates operating errors
- ▶ No spillage
- ▶ Easy storage and ordering

Chemicals are specially produced for the d-lab.2plus system, which together with Agfa Prestige Digital Paper delivers outstanding quality. And of course, with the d-lab.2plus you work with odour-optimised chemicals.



Dare to compare!

▶ **Shadows be gone!**

Contrast management brightens up unwanted shadows – yet keeps the details in the lighter areas. The integrated DIMAX function is what makes it all possible.



▶ **Dust or scratches? No problem!**

Dust particles and even scratches on CN films disappear like magic.*

*Agfa development, licensed by Applied Science Fiction.



Underexposed image processed with conventional technology.



▶ **Nothing to hide:**

Automatic underexposure correction guarantees fresh, vibrant colours and natural contrast. The sharpness management feature enhances contours and suppresses graininess.



▶ **Colour you can count on:**

Colour tone differentiation increases the richness of details on saturated colours.



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Colour tone differentiation increases the richness of details on saturated colours.



Explore the potential of analogue and digital orders.

Benefit from d-lab.2plus' open architecture

Take advantage of this opportunity to target new customers and develop new markets. Combine the Agfa digital front-end solutions and the Agfa fp.210 film processor with innovative Agfa d-lab.2plus technology to boost your market presence and become a leader in the imaging business.

What makes the Agfa d-lab.2plus so unique is its ability to handle a variety of special orders. Connect the d-lab.2plus to the right front-end equipment and start making money with special print services from digital media and online orders. The Agfa image box kiosk gives you even more opportunities to increase your shop capacity without adding personnel.

Modular. Scalable. Profitable.

▶ Agfa image box



With the modern Agfa image box kiosk, your customers can process their own digital images and place their print orders. This quick and easy service saves you time and money. And the exclusive Agfa image box design enhances the appearance of your shop interior.

▶ AGFAnet Print Service



It's now possible to make prints from images sent via Internet – a great opportunity to cash in on pent-up demand for pictures stored on hard drives.

▶ AGFAnet Web Album



You can also use the d-lab.2plus film scanning process to offer your customers a new service: Upload the image files to their AGFAnet Web Album and profit from the easy and efficient reorder opportunities!

▶ pixtasy



This complete image processing station opens the door to a wide range of profitable print products. With red-eye correction, print-to-print services, prints with text, decorative frames, or templates created with the pixtasy template converter*, the options are practically unlimited!

▶ Film on CD software



Film on CD lets you create an Agfa Pix CD from analogue media or digital image files – complete with a CD cover index. The Agfa Pix CD contains all images in three different resolutions along with Agfa Viewer software for displaying pictures on a home PC.

▶ transfer software



Agfa transfer software allows easy data exchange between d-lab.2plus and your own PC or Mac.

▶ fp.210



Unforgettable memories on film demand top-quality, reliable and safe film processing. With the fp.210 and Agfa easy film chemicals, film media ranging from 135 mm to 120 mm and APS are in good hands.

* Additional software required.

Maximise your print and digital services.

Expand your products and services

Is it possible to combine peak productivity and utmost versatility all in one? Our engineers were put to the task and came up with a brilliant solution that is designed for your business needs.

Achieve big business with a wide range of services:

▶ Maximise your core business

Make your core business shine. d-lab.2plus allows you to maximise your first-run print rate and offer standard services like 10 x 15 cm / 4" x 6" prints as well as index prints.

▶ Extra services for extra business

If you specialise in conventional photo business, you can impress your customers with a multitude of extra services. Whether it's business cards or instant passport photos, decorative frames* or custom greeting cards, prints from slides*, and

poster prints up to 30 x 45 cm or 12" x 18".

You can do it all with Agfa d-lab.2plus. Printed on Agfa Prestige Digital photographic paper.

▶ A bright digital future

Digitise your customers' analogue prints. Offer Film on CD* with CD-Cover-Print for those who like to archive a large number of images on digital storage media.

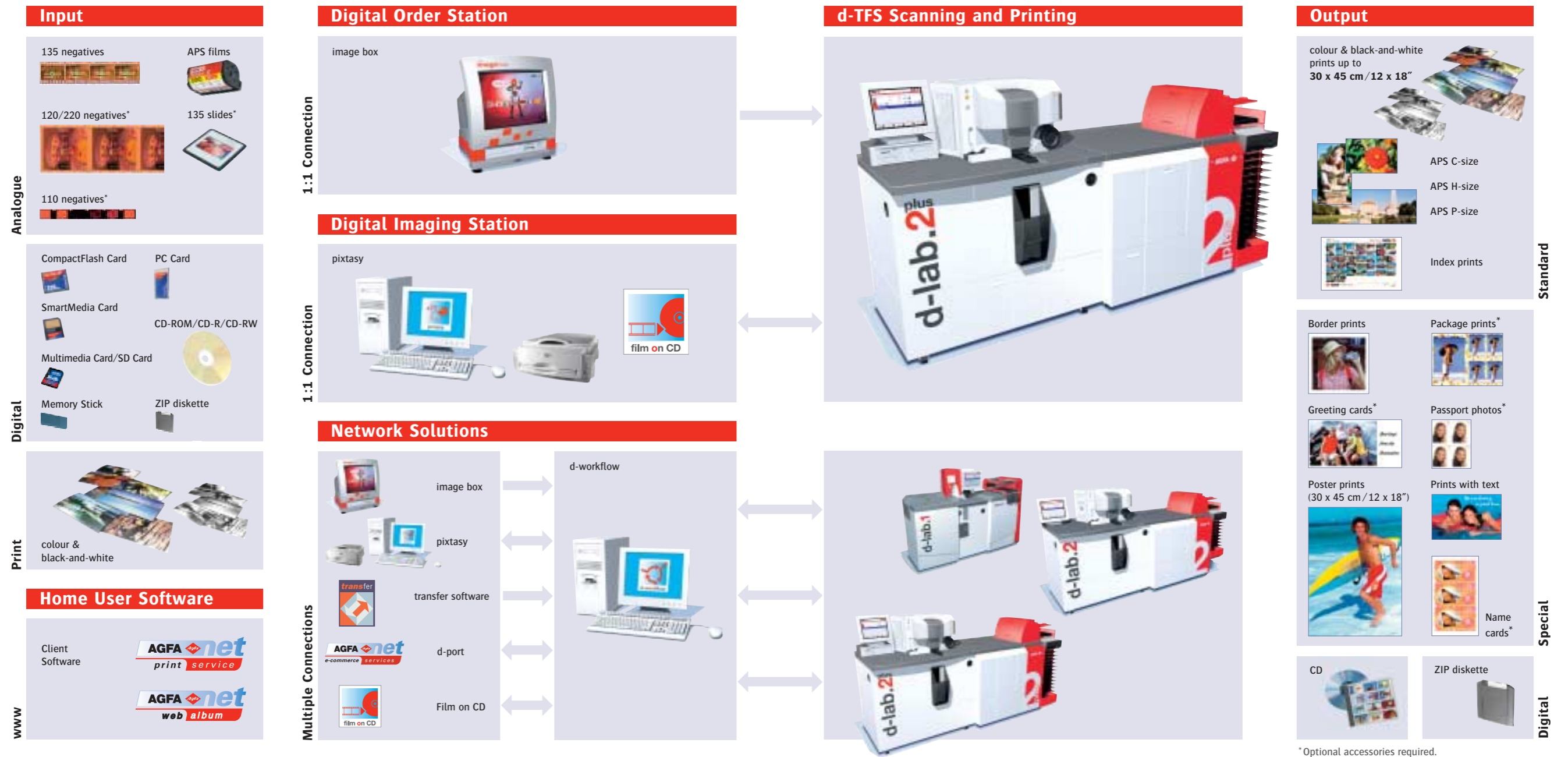
Use the scanned images from your d-lab.2plus to offer your customers a Web Album upload service.



*Additional equipment required. Ask for more information on Agfa pixtasy or Agfa d-lab.2plus transfer software.

Efficient workflow from analogue and digital input...

... to high-quality output.



*Optional accessories required.

d-lab.2plus

Technical data



Scanner

- ▶ **Film formats** CN film: 135, IX240, 110, 120 (4.5x6 / 6x6 / 6x7 / 6x8 / 6x9), 220; 135 framed slides; black & white film: 135, 120, 220

- ▶ **Scanner system** Prescan with Agfa TFS Total Film Scanning, real one-pass processing for all film brands, types, formats; main scan with high-resolution CCD chip (2,000 x 3,000 pixels)

- ▶ **Lens** Zoom lens for all formats

Digital Input

- ▶ **Storage media** Drives for CD/DVD, ZIP, Floppy, PC Card, SmartMedia Card, CompactFlash Card, Micro Drive, Memory Stick, SD/Multimedia Card

- ▶ **Network** Ethernet 1 Gbit/s; ready for connection to Agfa image box order station, Agfa pixtasy 3.0 print processing station, PC and Macintosh computers (order processing via Agfa d-lab transfer software)

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 photo products**** Greeting cards, business cards, passport photos, calendar pictures, CD covers, etc.

- ▶ **Index print** Up to 30 x 45 cm (12" x 18"), on photographic paper as last picture of the order

Printer

- ▶ **Exposure system** RGB laser, 400 ppi

- ▶ **Paper magazine** 2 x 12"

- ▶ **Paper width mm (")** 89 (3½), 95 (3¾), 102 (4), 114 (4½), 120 (4¾), 127 (5), 152 (6), 165 (6½), 178 (7), 203 (8), 210 (8½), 216 (8½), 254 (10), 279 (11), 305 (12)

- ▶ **Reverse side printing** 2 lines, 40 characters each

Paper Processor

- ▶ **Process** Agfa easy paper chemicals

- ▶ **Paper transport** Sheet roll transport, dual-track transport up to picture width < = 152 mm (6")

- ▶ **Process time** 3 min 2 sec (incl. drying)

- ▶ **Tanks**

Processing tanks	Replenishment tanks	Overflow tanks
CD: approx. 18.4 l	CD: 4.5 l	2 x 10 l (twin-tank)
BX: approx. 18.4 l	BL: 7.5 l	
SB: approx. 4 x 11.2 l	SB: 4.5 l	

- ▶ **Evaporation comp.** Automatic

*Agfa development, licensed by Applied Science Fiction.
 **With pixtasy image processing station (optional).

Operation

▶ User interface

Touchscreen monitor (LCD or CRT), can be operated with gloves on

▶ Operating concept

Ergonomic-intuitive, menu control with preset order configuration, walk-away printing, online help function, switchable picture display function

Performance

▶ Film format 135-24

Print format (mm)
Print format (")
Paper width (mm/")
Prints/h (effective)
Orders incl. index

Overall system; autoprint w/o picture display; average

89 x 127	102 x 152	127 x 178	203 x 305	305 x 457
3.5 x 5	4 x 6	5 x 7	8 x 12	12 x 18
127/5	152/6	127/5	305/12	305/12
1,800	1,700	1,000	500	240
72	68	40	20	10

▶ Film format IX240-25

C/H/P-standard-mix
Paper width (mm/")
Orders incl. index

89/5	102/4
40	35

▶ Digital media in file print mode from CD-ROM*

Print format (mm)
Print format (")
Paper width (mm/")
Prints/h (effective)

89 x 127	102 x 152	114 x 152	127 x 178	203 x 305
3.5 x 5	4 x 6	4.5 x 6	5 x 7	8 x 12
127/5	152/6	152/6	127/5	305/12
1,800	1,700	1,500	1,000	500

▶ Automatic saving of scanned image files Film format 135-24**

Resolution (pixels)
File size (MB)
Files/h

1024 x 1532	2000 x 3000
0.65	2.40
1,300	620

Dimensions/Weight/Mains Power Supply

▶ Dimensions

(L x W x H) < 283 cm (111.4") x 92 cm (36.2") x 153 cm (60.2") (incl. sorter)

▶ Required ceiling height

200 cm (78.8")

▶ Weight (empty)

approx. 960 kg (2,116 lbs)

▶ Weight (incl. chemicals)

approx. 1,100 kg (2,423 lbs)

▶ Power supply

3 N[~]: 230-240/400-415 V, 50/60 Hz, max. 3 x 16 A;
3⁻: 200/210/220/240 V, 50/60 Hz, max. 3 x 25 A

Chemicals

▶ Tank kits

d-lab tank kits for first-time use

▶ Replenishers

Agfa easy paper box 110 for all chemical baths

▶ Capacity

110 m^{2****} per chemical-box

*Order with 30 different image files in JPEG format. Resolution: 1,500 x 2,000 pixels. Average file size: 0.7 MB.
(For formats > 127 x 178 mm [5" x 7"]: resolution 2,000 x 3,000 pixels, average file size 2.0 MB).

**Files saved via Ethernet connection (100 Mbit/s) on external PC; file format JPEG, low compression.

****1 m² = approx. 2.5 films.

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