Apeture card printer CADMIC

Aperture card printer for the digital age

Save time, money and physical storage space

... by modifying your aperture card creation system with direct digital data input. The aperture card laser plotter MICROBOX CADMIC streamlines your archiving process by connecting directly to your network and automatically converting your drawings from digital files to silver halide aperture cards for storage, duplication or distribution.

Easy and safe into the digital future

The CADMIC can help you make the transition to digital without interrupting your current aperture card data storage system by replacing your old microfilm camera or older digital card printer. The generation of aperture cards is effected parallel to the storage in the digital archive.

Fast and easy to use

The CADMIC quickly produces highresolution images and sets up with ease. With an output of up to 60 cards per hour, the CADMIC is the most powerful aperture card printer on the market. Images and index data are transmitted directly from the CAD or the digital archive. The 500-card cassette permits queuing all files to be converted so the machine can work on its own, even over night.

Flexibility that meets your needs today ....and tomorrow

Aperture cards are proven technology. Properly stored, the images will retain their information for 100 years or more.
Upon demand, the aperture cards can be redigitised at any time with the aperture card scanner MICROBOX POLYSCAN 400 or similar device and imported into a document management system. During the scanning process the Hollerith, Barcode or OCR index data are read-in and are at your disposal as an index file with the image for the digital archivation.

Green and clean:

the thermo version
The new CADMIC dryCOM version with thermo processing station offers the possibility of an especially economical development of the aperture cards. The requested security documentation can be processed residue-free and without chemicals.

Advantages:

- High productivity
- Replacement of conventional microfilming technology
- Automatic long-term storage of technical documents
- Automatic Encoding
- Cost reduction
- Easy to operate
- Easy network integration

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Technical Data:

Consumables:
CADMIC:
GENUS laser aperture cards, GENUS developer and fixing solution, demineralized water

CADMIC dryCOM:
GENUS dry silver aperture cards

Liquid Container:
(integr.) 10 l ea.: developer, fixer, water, waste, waste water, external 30 l water liquid container on demand

Resolution:
12.000 dpi

Speed:
up to 60 cards/h

CADMIC:
Development time: approx. 17 seconds
Exposure time: approx. 31 seconds

CADMIC dryCOM:
Development time: approx. 17 seconds
Exposure time: approx. 31 seconds

Standard Plot Formats:
DIN, ISO, ANSI

Card stock:
500-card cassette

Development:
CADMIC:
Well-balanced and consumption-optimized 3-chamber-processing station

CADMIC dryCOM:
Thermo development (archive quality)

Adressability:
2,1 µm

Encoding of cards:
OCR A: 68/80 characters; OCR B: 68 characters, Barcode, Hollerith

Data formats:
Standard: TIFF G3/G4
Optional: HPGL, HPGL2, HP-RTL, CalComp 906/907, PDF,
PostScript, CALS, CALS1, CGM, RLC, TIFF tiled

Controller:
Integrated control unit with Windows NT®4.0, NIC, Workstation, Monitor, Keyboard, Mouse

Network:
Use of Windows NT network-link advantages, Support of all NT network protocols and FTP (NFS for an additional charge)

Operation of the laser beam:
Fully encased (laser class description device class 1)

Power supply:
230/110 V, 50/60 Hz, 16 A

Standby:
200 W

Operational voltage:
700 W

Dimensions (L x H x D in mm):
1680 x 1255 x 700

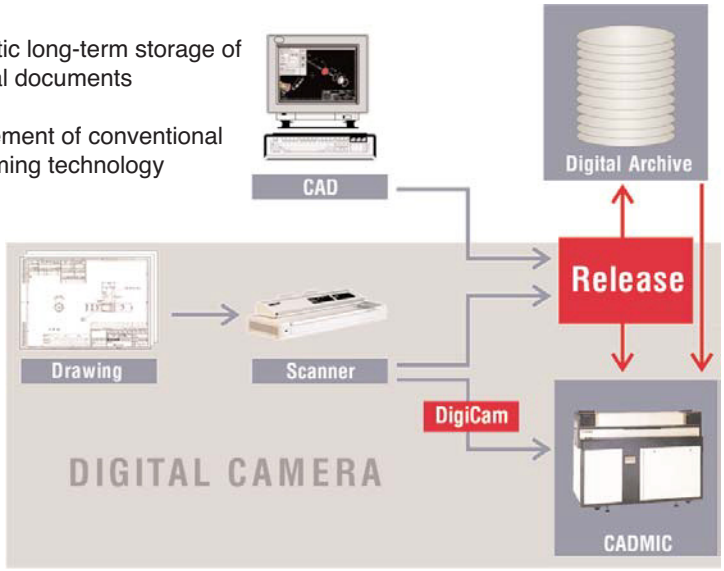
Weight:
approx. 350 kg

Subject to change without notice
Status: 07/12/2005

The Concept

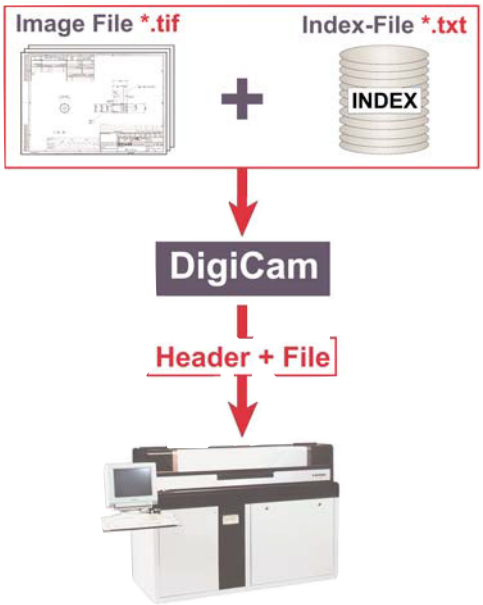
Automatic long-term storage of technical documents

Replacement of conventional microfilming technology



GENUS DigiCam

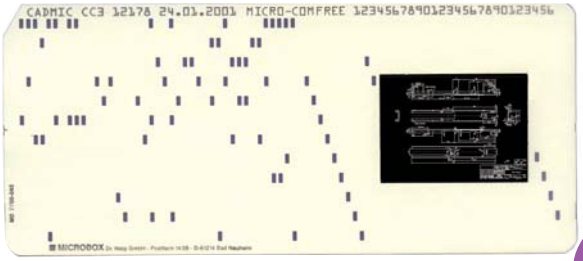
The software GENUS DigiCam automatically fits and edits scanned raster images and text data for the generation of microfilm cards on CADMIC.



Automatic encoding

The automatic indexing of aperture cards in OCR, Barcode or Hollerith may be individually configured.

For a later digitization, a drawing can be generated from the index file and imported into the archive together with the image.



GENUS
PROVIDING ACCESS TO YOUR INFORMATION

Technical Data

	CADMIC
Consumables:	CADMIC: MICROBOX laser aperture cards, MICROBOX developer and fixing solution, demineralized water CADMIC dryCOM: MICROBOX dry silver aperture cards
Resolution:	12 000 dpi
Speed:	up to 60 cards/h CADMIC: Development time: approx. 17 seconds Exposure time: approx. 31 seconds CADMIC dryCOM: Development time: approx. 17 seconds Exposure time: approx. 31 seconds
Card stock:	500-card cassette
Development:	CADMIC: Well-balanced and consumption-optimized 3-chamber-processing station CADMIC dryCOM: Thermo development (archive quality)
Adressability:	2,1 µm
Encoding of cards:	OCR A: 68/80 characters; OCR B: 68 characters, Barcode, Hollerith
Data formats:	**standard:** TIFF G3/G4, **optional:** HPGL, HPGL2, HP-RTL, CalComp 906/907, PDF, PostScript, CALS, CALS1, CGM, RLC, TIFF tiled
Integrated PC:	Pentium III, 800 Mhz, 64 MB, NIC
Operation of the laser beam:	Fully encased (laser class description device class 1)
Power supply	230/110 V, 50/60 Hz, 16 A
Standby:	200 W
Operational voltage:	700 W
Dimensions (L x H x D in mm):	1680 x 1255 x 700
Weight:	approx. 350 kg

03 / 2003

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