Designed for peak performance non-stop

OM 1700

Roll film scanning like never before

OM 1700, the high-performance film-scanner for roll film 16/35 mm, 256 gray scales scan mode and/or b&w

Professional archivists, records managers need reliable solutions to ensure the accuracy of their digitization projects. The OM 1700 microfilm scanner is up to the challenge – providing maximum efficiency with full compliance to FADGI, Metamorfoze and ISO standards. This state-of-the-art device guarantees exceptional image quality at extraordinary speeds!

Product advantages

- highest optical resolution: 100 – 600 dpi
- 12 bit camera with 8 – 12 bit output format
- specially designed high-performance lenses
- calibrated LED lighting system
- stable film transport
- highest image quality with best grey scale reproduction and highest depth of field
- smallest fonts and images with the highest reduction factor are displayed crystal clear
- highest OCR quality
- 16/35 m roll film easily changeable
- real time image enhancement
- easy and ergonomic operation
- Quantum Scan Software
- Quantum Process Software

Technical data	OM 1700
Scan resolution	100 – 600 ppi
Scan speed	up to 700 frames per minute at 200 ppi, 1400 images per minute with dual output
Strip scan technology	200 ppi gray scale 3 minutes per roll; 300 ppi gray scale 4,5 minutes per roll, post processing automatic image editing, up to 1600 images per minute
Scan mode	true 12 bit image processing for 256 gray scales and b&w
Film size	roll film 16/35 mm – 30,5 m (thin film: 60 m), and 305 m (1000 ft) film kit
Film control	automatic image detection, single, double or triple level blipcode detection, dual-leading and trail edge detection as well as image splitting, negative and positive roll film, automatic density and contrast control, automatic film stop at film end, go to frame function
Image output	TIFF, JPEG, JPEG2000, PDF, multipage-PDF, PDFA. Simultaneous output of grayscale and bi-tonal formats
Application software	Quantum-Software: advanced strip scanning technology for entire roll scanning, image verification and file saving. 100% image capture, no film re-scan necessary. Capturing software for high productivity with all standard scanning tools as for example automatic image enhancement, automatic gain control, contrast enhancement, automatic density control, masking, image rotation, cropping, inversion, etc., in addition job administration, connection to document management systems
Operating system	Windows 7 (32 – 64 bit), Windows 8 (32 – 64 bit), WIN 10 PRO (64 bit), further alternatives on request
PC specification	PC and Monitor optional. PC specification: Quality DELL Workstation - current specs
Power requirements	115/230 V, 60/50 Hz, 50 VA. Other voltages on request
Dimensions / Weight	279 × 533 × 483 mm / approx. 27 kg

ZEUTSCHEL
Perfect Scanning