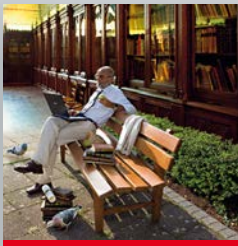




OM 1800

Roll film scanning
like never before



Totally digitized,
perfectly archived

 **ZEUSCHEL**
The Future of the Past.

OM 1800

Roll film scanning
like never before



Product advantages

- high optical resolution: 100 – 600 dpi
- 12 bit-camera, 12,288 pixel, with output range of 8 - 12 bit
- highly-refined precision lenses
- calibrated LED lighting
- stable and gentle transport system
- unrivaled image quality and capture accuracy – excellent tonality and depth of field
- small fonts and high reduced images are crystal clear
- OCR results achieve ever-higher accuracy
- 16/35 mm roll film easily changeable
- scanning in gray scale and/or b&w without impact on speed
- real time image enhancement
- easy and ergonomic operation
- Quantum Scan Software
- Quantum Process Software



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Specifications

Description: high-performance film scanner for 16/35 mm roll film in 256 gray scales and/or b&w with new developed camera and illumination system for scan results in highest quality

Camera/optics: up to 12-bit-dynamic range with gamma correction grayscale output; superior real-time or post-scan image processing speeds; direct path imaging: camera, film and light source are in-line to ensure optimum image quality; full 12,288 pixel CCD array for highest true optical dpi in the industry; Automatic Gain Control (AGC) to optimize image quality while scanning; Mekel "smoothlight" fiber optic bundle balances lighting across entire scan area, no hot spots or shadowing

Max. scan resolution: 100 - 600 ppi

Scan speed: more than 700 frames per minute; at 200 ppi - 1400 images per minute with dual output in gray scale and b&w

Strip scan technology:

200 ppi gray scale 3 - 5 minutes per roll;

300 ppi gray scale 6 - 9 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 posi-

tive 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, PDF/A; simultaneous output of grayscale and bi-tonal formats

Application 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 8 (32 - 64 bit),

Windows 7 (32 - 64 bit), Windows XP

Hardware: included in standard delivery volume: Dualcore, 4 GB RAM, min. 1 TB hard disk, monitor TFT 20 inch

Power requirements: 115/230 V, 60/50 Hz, 50 VA; other voltages on request

Dimensions:

w x d x h: 279 x 533 x 483 mm

(11 x 21 x 19 inch);

weight: approx. 27 kg

We reserve the right to make technical changes without notice.