

OM 1600 / 1700 / 1800

Roll film scanning like never before



We Digitize Your World


ZEUSCHEL



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

Version OM 1800 with 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 12,888 pixel CCD array for highest true optical dpi in the industry; Automatic Gain Control (AGC) to optimize image quality while scanning; Meikel "smoothlight" fiber optic bundle balances lighting across entire scan area, no hot spots or shadowing.

Product Advantages

- world's fastest automatic digitizing of complete film archives
- full-roll scanning with image detection
- no film re-scan necessary
- automatic image exposure, density and contrast control
- 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

Specifications

| | OM 1600 | OM 1700 | OM1800 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Scan resolution | 100 - 600 ppi | | |
| Scan Speed | up to 350 frames per minute at 200 ppi | up to 700 frames per minute at 200 ppi, 1400 images per minute with dual output | up to 440 frames of highest quality per minute |
| Strip scan technology | 200 ppi gray scale 6 minutes per roll, 300 ppi gray scale 9 minutes per roll | 200 ppi gray scale 3 minutes per roll; 300 ppi gray scale 4,5 minutes per roll | 200 ppi gray scale 4,5 minutes per roll, 300 ppi gray scale 6,5 minutes per roll |
| Scan mode | post processing automatic image editing, up to 1600 images per minute | | |
| Film size | true 12 bit image processing for 256 gray scales and b&w | | |
| Film control | roll film 16/35 mm - 30,5 m (thin film: 60 m), and 305 m (1000 ft) film kit | | |
| Image output | 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 con-contrast control, automatic film stop at film end, go to frame function | | |
| Application software | TIFF, JPEG, JPEG2000, PDF, multipage-PDF, PDF/A. Simultaneous output of grayscale and bi-tonal formats | | |
| Operating system | <i>Quantum-Software:</i> 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 pro-ductivity with all standard scanning tools as for example automatic image enhancement, automatic gain control, contrast enhance-ment, automatic density control, masking, image rotation, cropping, inversion, etc., in addition job administration, connection to document management systems | | |
| Hardware | Windows 7 (32 - 64 bit), Windows 8 (32 - 64 bit), WIN 10 PRO (64 bit), further alternatives on request | | |
| Power requirements | included in standard delivery volume: Dualcore, 4 GB RAM, min. 1 TB hard disk, monitor TFT 20 inch | | |
| Dimensions (w x d x h) | 115/230 V, 60/50 Hz, 50 VA. Other voltages on request | | |
| Weight | 279 x 533 x 483 mm | | |
| | approx. 27 kg | | |

We reserve the right to make technical changes without notice.



GALAXY AUTOMATION SDN. BHD. (324090-U)

Digital Imaging & Print Systems Integrator

宇宙科技有限公司

Global Business & Convention Centre, Level 3, No. 8, Jalan 19/1, Section 19, 46300 Petaling Jaya, Selangor, Malaysia. Tel: +603-7957 2530 / 2454 Fax: +603-7957 2617 (Sales) / 603-7954 1392 (Technical)
E-mail: sales@galaxyauto.com.my / URL: www.galaxyauto.com.my

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