

# OM 1600 / 1700 / 1800

Roll film scanning like never before



 **ZEUSCHEL**  
Cultural Heritage is our Passion



**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.

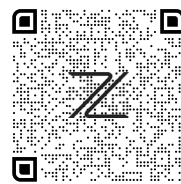
**Product Advantages**

- 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

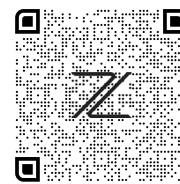
Specifications	OM 1600	OM 1700	OM1800
Scan resolution	100–600 ppi		
Scan Speed	up to 350 frames per minute at 200 ppi	up to 700 frames per minute at 200 ppi, 1400 images per minute with dual output	up to 440 frames of highest quality per minute
Strip scan technology	200 ppi gray scale 6 minutes per roll, 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	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 con-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	<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		
Operating system	Windows 7 (32–64 bit), Windows 8 (32–64 bit), WIN 10 PRO (64 bit), further alternatives on request		
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		
Weight	approx. 27 kg		

We reserve the right to make technical changes without notice.

More Information: [www.zeutschel.de/en/produkte/scanner/mikrofilmsscanner](http://www.zeutschel.de/en/produkte/scanner/mikrofilmsscanner)



OM 1600



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