OM Mini

Rollfilmscanner
Mobile. Modular. Miniature. Affordable.

ZEUTSCHEL

WE DIGITIZE YOUR WORLD

Product Avantages

■ Load and go operation

An easy film transport path for from 16 mm and 35 mm microfilm in 100'/215' open spools or 3M cartridges and intuitive software makes loading, scanning and rewinding a simple process.

■ Quantum software

The OM Mini uses the favorite Quantum software suite for image capture and processing. QuantumScan offers precise framing technology for accurate front-end capture. QuantumProcess offers extensive editing options to meet the exact image and file specifications needed for output.

■ External PC

An included external PC ensures maximum flexibility, efficiency and minimized downtime. For added portability and space economy, the OM Mini is also available with a laptop option.

■ Upgradeable

As your volume needs increase, field upgrades can transform a 230 IPM model to a 350 IPM model with no loss of productivity.

■ Mobile

The OM Mini is ideal for end-users with multiple branches or with projects in different locations. Economically-sized, it can be safely transported commercially or personally in a protective carrying case.

Technical Specifications   OM Mini

Line array camera / optics

up to 12-bit dynamic range with gamma correction grayscale output.
Full depth of pixels processed.

real-time or post-scan image processing up to 5x the typical processing speed

80 megapixel/second camera; 160 megapixel/second output

full 8,192 pixel CCD array for highest true optical dpi in the industry

automatic Gain Control (AGC) to optimize image quality while scanning

"smoothlight" fiber optic bundle balances lighting across entire scan area;
no hot spots or shadowing

Resolution

100-600 true optical dpi; 4x-96x reduction ratio

film types

100' and 215' roll standard: open spool or 3M cartridge (optional)

16 mm/35 mm; simplex/duplex; positive/negative

Silver, Diazo and Vesicular formats

Productivity

up to 350 IPM: Scans at speeds of 7 minutes per 100' roll *

Hardware image enhancement

real-time image sharpen and enhancement done in hardware; no reduction in throughput

Film control

electronically-controlled film format selection for precise positioning of the CCD line array camera and lens; high-speed rewind

Image processing

task set-up by job or saved in set-up file

single, double or triple level blip code detection

full frame image detection

simultaneous output of grayscale and bitonal files

QUANTUM Output

file types: single/multi-page; bitonal TIFF (G3, G4); JPEG; TIFF uncompressed;
PDF compressed (single/multi); JPEG2000; PDF/A and others

Hardware notables

industry-leading production-level reliability

includes compatible external PC with monitor and 10 TB storage (laptop option available)

well-balanced tension system and precisely placed comfort rollers for gentle film transport
(avoid the dislodging or separating of brittle film caused by pinch rollers)

Technical specifications

operating system: Windows 10 Professional (64 bit only)

dimensions (LxWxH): 17 x 16.5 x 7.5 in. (30lbs.) /
43.18 x 41.91 x 19.05 cm (13.6 kg)

Technical changes reserved
*all data are related to 16 mm roll film simplex
at 200 dpi, 24x reduction

More information:

www.zeutschel.de/en/
produkte/scanner/
mikrofilmscanner/
OM_Mini.html