

OP 800 OP 800 HR

The ArchiveWriter
for reliable data archiving.



 **ZEUTSCHEL**
Cultural Heritage is our Passion

From original to microfilm: Secure long-term archiving for all digital data.

Long-term archiving of digital data and cultural assets is an important role for archives, libraries and other institutions. This demands safe solutions.

The lifetime of stone tablets for archiving is several thousand years, books made from acid-free paper can still be read after several hundred years. But what about our digital media?

With the new OP 800/OP 800 HR, Zeutschel offers a sophisticated system for simple and safe long-term archiving of data on microfilm. Up to 298 million pixels are possible in the 35 mm full-frame format.

More than 120 Zeutschel systems are used by state and private institutions worldwide to create digital microfilm. When may we advise you?

Product advantages

- Maximum 298 megapixel optical resolution (OP 800 HR)
- For all standard files (for example, TIFF, JPEG, JP2, PDF)
- High resolution microfilm b/w, grayscale (halftone) or color
- Color enhancement via integrated ICC-conform color management
- Highest productivity
- Wide range of image processing tools for perfect file conversion in batch mode
- Easy operation
- Film capacity up to 600 m
- 16/35 mm roll film, landscape and portrait
- Automatic fade-in of meta data



OP 800 / OP 800 HR



Technical Specifications

	OP 800	OP 800 HR
General	with the ArchiveWriters OP 800 and OP 800 HR all digital data can be archived simply and quickly on microfilm for long-term archiving	
Applications	preservation of all native digital data (CAD, e-mail, Word, Excel, etc.) and digitized data (scanned documents, images etc.)	
Formats	all standard file-formats in b/w, grayscale and color, e.g. TIFF, TIFF LZW, JPEG, JP2, BMP, PDF, PDF A, JPM, GIF, etc.	
Microfilm	roll film b/w, halftone and color, 16 & 35 mm onreels 30.5 m (100 ft), 60 m, 305 m or 600 m	
Maximum resolution	132.7 megapixel	298.5 megapixel
For 35 mm roll film	6815 dpi	10223 dpi
For 16 mm roll film	16832 dpi	25248 dpi
Max. film mask 35 mm	32.2 × 57 mm	32.2 × 57 mm
Standard mask 35 mm	32 × 45 mm	32 × 45 mm
Max. film mask 16 mm	13.0 × 23.1 mm	13.0 × 23.1 mm
Standard mask 16 mm	12.5 × 18 mm	12.5 × 18 mm
Film mask and film step	continuously adjustable	
Recording formats	full-frame, duplex, duo and multi-frame	
3-way blip	optional	optional
Imprinting of metadata and film index	yes	yes
Compliance with all established microfilm standards		
Image processing	Integrated color management conforming to ICC standards	
Software	Zeutschel Software OmniPlot	
Operating system	Windows 10 IoT (64 bit)	
Dimensions	(w × d × h): 1280 mm × 806 mm × 1498 mm	
Accessories incl.	PC and Monitor	



240.215.0224 U.S.

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