

Secure
long-term archiving
for all digital data.

OP 800
OP 800 HR

Simply. Secure.

The ArchiveWriter for reliable data archiving.

OP 800 / OP 800 HR from Zeutschel

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?

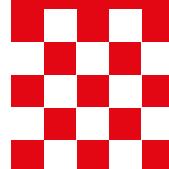
With the new OP 800/OP 800 HR, Zeutschel offers a sophisticated system for simple and safe long-term archiving of data on microfilm. Up to 298 million pixels are possible in the 35 mm full-frame format.

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

Long-term archiving

Sophisticated system

ICC standard





The advantages at a glance:

- 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
- Optional: High Speed Duplex Modus on 16 mm film to increase throughput up to 6000 images per hour.



Technical data			OP 800	OP 800 HR
General				
Function			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.)	
Input and output				
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	
Additional options				
3-way blip			✓	✓
Imprinting of metadata and film index			✓	✓
Compliance with all established microfilm standards				
Image processing			Integrated color management conforming to ICC standards	
Specifications				
Software			Zeutschel Software OmniPlot	
Operating system			Windows 10 IoT (64 bit)	
Dimensions (w/d/h) [mm]			1280 / 806 / 1498	
Accessories incl.			PC and Monitor	

Technical changes reserved