

# OP 600 OP 700 HR

The ArchiveWriter  
for reliable data archiving.



The future of the past.



# 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 600/OP 700 HR, Zeutschel offers a sophisticated system for simple and safe long-term archiving of data on microfilm. Up to 236 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 236 megapixel optical resolution (OP 700)
- 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





## Technical Specifications

	OP 600	OP 700 HR
General	with the ArchiveWriters OP 600 and OP 700 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	133 megapixel	236 megapixel
For 35 mm roll film	6815 dpi	9087 dpi
For 16 mm roll film	17556 dpi	23409 dpi
Max. film mask 35 mm	32,2 x 57 mm	32,2 x 57 mm
Standard mask 35 mm	32 x 45 mm	32 x 45 mm
Max. film mask 16 mm	12,78 x 22,7 mm	12,78 x 22,7 mm
Standard mask 16 mm	12,5 x 18 mm	12,5 x 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
<b>Compliance with all established microfilm standards</b>		
Image processing	Integrated color management conforming to ICC standards	
Software	Zeutschel Software OmniPlot	
Operating system	WIN 8.1 x 64	
Dimensions	(w x d x h): 1280 mm x 806 mm x 1498 mm	
Accessories	PC and Monitor	

If you are looking for a perfect solution for digitization and preservation of valuable cultural assets and documents, talk to us. For more than 50 years we have been managing all processes of document capturing, archiving, processing and provision of digital data with our analog and digital systems for scanning and microfilm technology at the highest level. Our systems are used worldwide by renowned archives, libraries, universities, land registries as well as commercial enterprises and service providers.



Zeutschel GmbH · Heerweg 2 · 72070 Tübingen  
Tel.: +49 7071 9706-0 · Fax: +49 7071 9706-44  
info@zeutschel.de · [www.zeutschel.com](http://www.zeutschel.com)

The future of the past.