

Security and Economy with Microfilm

New

Film Processor FP 505



| Features | Film Processor FP 505 |
|------------------------|---|
| Device Type | Daylight-Processor Film processing using deep-tank process |
| Film Formats | 16 mm and 35 mm Perforated or imperforated |
| Film Length | Standard up to 66 m |
| Film Thickness | 0,06 mm, 0,10 mm, 0,13 mm |
| Transport-Speed | 0,5 m/min to 4 m/min adjustable in steps of 0,5 m |
| Developing Process | Negative developing with developer, intermediate washing, fixing final washing and drying section |
| Developing Temperature | from 24°C to 39°C adjustable in steps of 1°C, electronically controlled |
| Drying Temperature | Air drying from 35°C to 65°C adjustable in 7 steps |
| Regeneration | Developer and fixer optional |
| Film monitoring | Illuminated screen at film spooling device |
| Film Take up | Selectable for emulsion inside or outside |
| Options | Fixing bath heater Cabinet with cleaning sink Cabinet with replenish unit Film leader cassettes for film length of up to 763 m on request |
| Power supply | 110 – 240 V selectable Power consumption in use, max. 2,3 KW Water consumption 1,5 - 3,0 l/min, adjustable |
| Dimensions | Height: 630 mm Length: 1.200 mm Width: 340 mm |
| Weight | 86 kg (complete, excl. cabinet) |

(Technical specification may change without notice)

For more information:

Microfilm still is and will continue to remain an important component of modern information and data storage. Even in these times of digital storage solutions, it is impossible to imagine the world of archiving without microfilm – a highly reliable, secure and economic data storage medium. The new FP 505 film processor for developing microfilms is a vital part of a state-of-the-art and efficient production chain.

The completely new concept of this daylight developing machine guarantees perfect results to meet the high demands of microfilm processing with regard to long-term durability, archiving security and high throughput. The system is a desktop unit that can also be supplied with an optional cabinet and cleaning basin or additionally with an automatic replenishing unit. The standard version of the film processor can develop either 16 mm or 35 mm microfilms with a length of up to 66 m. The films can be perforated or imperforated.

The FP 505 film processor is a fully automated deep-tank developing system equipped with a fully electronic control and monitoring system with a multifunctional operator terminal. This enables precision control not only of the optimum developer temperature but of the desired transport speed and developing time for the film or of the fixing heater as the basis for perfect and totally reliable film processing for archiving requirements.

Generously dimensioned and electronically monitored rinsing-water and drying capacities meet all demands for perfect archive ability of the developed film material. The overall ecological concept naturally incorporates automatic cut-off of the rinsing water when transporting of the film is stopped, as well as separate collecting of the used chemicals.

A functional design resulting from many years of experience, the strong structure made of materials suitable for laboratory use (such as stainless steel and chemicals-resistant plastics), and the high production quality guarantee a long service lifetime and maximum reliability of the FP 505 film processor even under the toughest of production conditions.

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Film Processor FP 505



New FEATURES

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|---|--|
| <p>New System Design</p> | <p>State of the Art available technologies State of the Art materials, fully chemical resistant Complete lead-free electronics manufacturing (RoHS) Built to highest reliability standards Meets all international compliance requirements > UL / TÜV-GS / CE</p> |
| <p>New Level of Long-Term Microfilm Archive Quality</p> | <p>Variable transport speed from 0.5 – 4 m/min to adjust for processing of different camera settings</p> <p>The developer equalizing tank ensures the developer bath level remains constant during the process</p> <p>A new unique fixer heating system keeps the fixer temperature on a constant level for best possible processing quarantine</p> <p>Advanced Air brushes for a high quality film drying process to provide best long-term film quality possible</p> |
| <p>New Concept of Easy and Clean Chemical Handling</p> | <p>Meets all Safety and RoHS Standards Standard Operator has no contact with chemicals Drainage System directly into containers Replenish system available as an option</p> |
| <p>Improved Economical Process</p> | <p>Heating only in use when film is transported Automatic stop of transport when film is processed Water cut-off after film has been processed Optional "Fixer Heater" reduces warm-up time by 80% and makes it possible to work with much lower cleansing water temperatures to save energy costs</p> |
| <p>Ensures Highest Operator Acceptance</p> | <p>Meets all Safety and RoHS Standards Easy and Clean Chemical Handling Electronically controlled Film take-up Easy and Convenient integrated Operator's process and control panel with digital display High level of Process Control Functionality Provides an illuminated ground screen in the film delivery for immediate film quality control by the operator</p> |

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