

**piql** PROCESSOR

Physically **present**  
– **future** preserved

**HIGH SPEED FOR HIGH VOLUMES**

When high volumes of data are to be preserved, it is essential to avoid operational bottlenecks by having a state-of-the-art film processor that can keep up with the piqlWriter's speed and throughput.



## A CUSTOMIZED PROCESSOR

Processing is an essential step in the workflow behind Piql Preservation Services. To meet our requirements for data longevity, quality and operational efficiency, we have together with Photomec (London) Ltd developed a new version of their Integrated Processor, designed for use with piqlFilm. Until now the Integrated Processor has been used for high-volume processing by the motion picture industry.

The output speed ranges from 25 feet per minute (457 m/hour) to 125 feet per minute (2286 m/hour). The design is configurable to suit any room layout.

With recommended use of chemicals, you will get the highest throughput of piqlFilm - with the processing quality and image sharpness required for our superior data density.

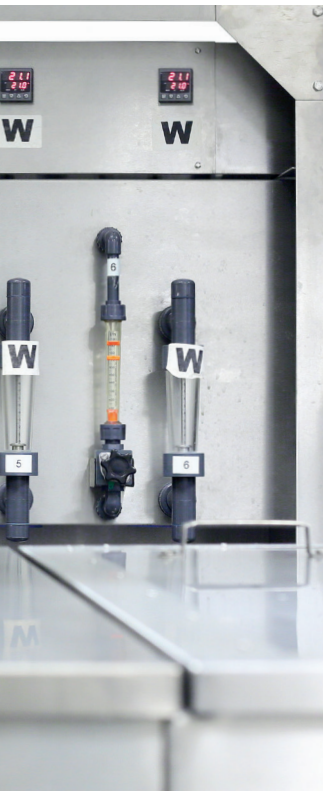
## KEY CHARACTERISTICS

- **Single person operation**  
The film is loaded and received in the same end, allowing the operation to be separated from the chemistry and placed adjacent to the piqlReader
- **Wet-section rack-lift system**  
Allows the wet-section of the film transport to be automatically raised clear of processor baths for inspection and maintenance, reducing the need for manual operations
- **Chemical control unit**  
A separate floor-standing chemical control unit communicates with the operator's touch-screen panel, enabling automated and secure supply of chemistry and monitoring of process parameters
- **Management System**  
Controls and monitors all machine functions, enhancing the machine reliability, maintainability and operator safety
- **Demand-drive system**  
Proper tension control of every film loop, for gentle and consistent film handling



Chemical Control Unit





Single person operation

Photomec (London) Ltd is the leader within motion picture laboratory engineering, having commissioned more than 1 100 installations since 1946. The company is awarded with a Fellowship for Research & Invention in Cinematographic Laboratory Disciplines by BKSTS, and a Charles Parkhouse Award for their contribution to laboratory practices. [www.photomec.co.uk](http://www.photomec.co.uk)

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