

PANTHEON

SYSTEMS LIMITED



Pantheon Portable Flush Rig

Pantheon Systems Limited, in conjunction with Xaar, has developed a portable flushing rig for use as an in-field first stage print head recovery and cleaning system.

This portable rig is approved by Xaar as part of its Returns Material Approval (RMA) process. The system uses approved fluids and innovative jetting processes, avoiding any damage that could occur using alternative cleaning methods, such as ultrasonic baths.

Pantheon Systems portable rigs use carefully designed pulsed pressure wave cycles, which give the optimum opportunity to dislodge even the most stubborn material without damaging the printhead.

The cleaning cycle involves an integral air injection combined with fluid flush, used together creating controlled hydraulic turbulence within the printhead.

Features & Benefits

The Carry case is self-contained, enclosing an exceptionally high-quality stainless-steel interior and components set, resistant to the approved flushing solutions.

Flexible:

- The switch mode power supply feature ensures compatibility in all countries
- Pre-programmed flush cycles to suit each individual print head
- Suitable for all ink types (UV, Oil, ceramic, water, solvent-based inks)
- The pantheon Flush Rig removes the cost associated with unnecessarily returning the print heads to the supplier as blocked nozzles can often be cleaned and recovered on site.

Options:

The Standard Flush Rig:

This requires the removal of the print heads to be able to complete the cleaning process

The In-Situ Flush Rig:

Can be connected directly to the printer for cleaning, eliminating the need for print head removal, this can also be used locally (standard).

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Portable Flush Rigs Available

- Xaar 1001/1002/ 1003 Flush Rig
- Xaar Proton Flush Rig
- Xaar XJ500 Flush Rig
- Xaar XJ760 Flush Rig
- Xaar XJ126 Flush Rig
- Xaar XJ128 Flush Rig
- Xaar 501 Flush Rig
- Kyocera KJ4B Flush Rig
(KJ4A - AA, KJ4A - TA, KJ4B - QA)
- Dimatix SG1024 Flush Rig
- Ricoh Gen 4 Flush Rig
- Ricoh Gen 5 Flush Rig
- Toshiba Tech CF1 Flush Rig

All Flush Rigs Are CE Approved

If you do not see your Print Head Type, please contact us and we will be happy to help find a solution.