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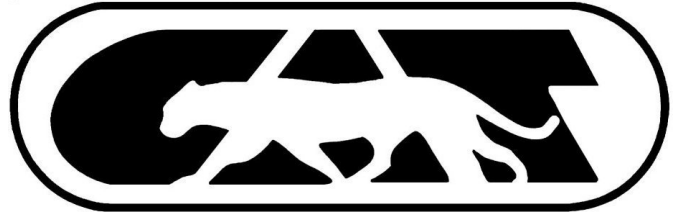
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CURTIS HPF200 FLUSHING MACHINE

Description:

The flushing machine is designed to clean the internal features of components prior to final assembly by flushing fluid through them at medium pressure. It is a manually loaded machine with a twin fixture enabling either 1 or 2 components to be flushed at the same time. As well as flushing the component the flow rate may be measured and analysed to determine if certain internal components have been fitted or if the component is partially blocked. Up to 10 different flushing routines may be programmed and stored in the system allowing both the test pressure and duration to be specified. The system utilises an HMI interface for the operator through which test results and user friendly alarm and warning messages are communicated. It also provides access to full fault diagnostics tools, calibration sequences and test parameters through a password protected interface.



HPF 200 Flushing Machine

Operation:

The Component to be cleaned is loaded into the machine and the guard closed. Pressing the start button activates the hydraulic clamp to clamp the component in place and connect it to the flushing circuit. Once the clamp pressure has been achieved oil is flowed through the component at the required pressure for the specified duration. On completion of this sequence the component is unclamped and the guard unlocked allowing the component to be removed and the next one loaded.

Specification:

Pressure :	Up to 200 bar
Flow Rate:	Up to 20 L/min
Fluid Temperature :	Ambient
Filtration Level :	3 microns
Clamp Pressure :	Variable up to several tonnes