

DATA SHEET

Model: ARTEMIDE

Hydro/Cycle test Machine

Product INFO

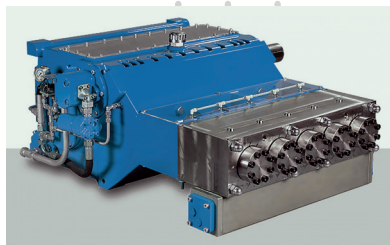
The hydraulic system for Cycle/Hydro testing is designed for vessel up to 2.500 liters and ensures a series of accurate and reliable tests.

It utilizes a filtered industrial testing fluid with a minimum granularity of 20 microns, introduced into the vessel.

The maximum test pressure is tailored to according to customer specification as the time for each cycle.

To power the system, service air at a pressure of 7 bar is required. The pressurization system is designed to operate on a single test station, ensuring precise and uniform control during each phase of the process.

The estimated cycle times depend on the Vessel volumes.



TECHNICAL DATA

PROCESS SPECIFICATIONS

Frame	Metal carpentry, transportable
Maximum Test pressure	900 bar / 1050 bar
Test fluid	filtered industrial H2O (min. 2microns)
Test sample volume	Up to 2.500 lt.
Service air	Required (7 bar)
Feeding	Vessel
High quality design	Equipment for 4.200 bar
Pressure gauge	Calibration certificated by THIRD PART

MACHINE CONFIGURATION

Piping	Nr.2 pipe dn20 l=20 mt complete with fittings at the end and safety socks
Piston Pump	Tailored in according to CPV Water volume
Centrifugal Pump	Tailored in according to CPV Water volume
Analogic Manometer	0 / 3.000 bar
Test registration system	Digital manometer with pressure data logger and temperature data logger 0 / 3.000 bar
Electrical cabinet	
H2O Filter	60 Micron
Analogic Pressure Gauge	Diam. 100 mm

COMPONENTS

PLC	Siemens
Motor	Siemens
Pressure sensors	Wika
High Pressure Hoses	Parker
Pumps	Calpeda

OPTIONS

Visual Camera	
Smart maintenance service (Augmented Reality)	