

TEST RIG CONTROL PANELS SPECIAL DESIGN

AB-CP-HP2-15-50



Technical data

	AB-CP-HP20-15-50
Test pressure	200 - 50,000 psi (14 - 3,447 bar)
Drive	Manual control
Flow	14.75 LPM at 0 psi pressure 2.1 LPM at 0 psi pressure 0.6 LPM at 0 psi pressure
Capacity	Air 100 psi
Colour	Grey pantone 429C
Noise level	70 dBA
Test medium	Water
Frame material	Grey
Lower pressure pipework	Stainless steel
High pressure pipework	Stainless steel
Stainless steel engraved panel	Yes
Weight	250 kg
L x W x H (mm)	1000 x 700 x 1300

FEATURES & BENEFITS

- Top quality components and design - low maintenance (see photo below)
- Three pump design - Lean and fast operation
- Transducer and software - Easy to produce test certificates (see test certificate example below)



Concept, design and complete!

Detailed Specification

Air controls - Separate operation of all three pumps including; air filter, air regulators and start / stop valves. Both pumps will also have a secondary air regulator, set to limit the pressure of the pump.

Fluid inlet line - Tank isolation valve and fluid strainer.

Fluid isolation valve - Each pump would have a separate fluid inlet isolation valve.

Pump 1 low pressure - Air operated pump capable of generating pressure that would be limited to 100 bar (1450 psi) with an air drive of 100psi, and 14.75 LPM at 0 psi pressure.

Low pressure isolation valve - Included.

Low pressure gauge - Gauge scale 0-150 bar (1500 psi) gauge size 6" diameter, direct mount.

Low pressure release valve - Set at 110 bar (1600 psi).

Pump 2 medium pressure - Air operated pump capable of generating pressure that would be limited to 700 bar (10000 psi) with an air drive of 100psi, and 2.1 LPM at 0 psi pressure.

Medium pressure isolation valve - Included.

Medium Pressure Gauge - Gauge scale 0-1000 bar (15000 psi) gauge size 6" diameter, direct mount.

Medium pressure release valve - Set at 770 bar (11165 psi).

Pump 3 high pressure - Air operated pump capable of generating pressure that would be limited to 3450 bar (50025 psi) with an air drive of 100 psi, and 0.6 LPM at 0 psi pressure.

High pressure isolation valve - Included.

High pressure gauge - Gauge scale 0-5000 bar (72500 psi) Gauge size 6" diameter, direct mount.

High pressure release valve - Set at 3790 Bar (55000 psi).