

Automatic Hydraulic Pressure Calibrator



- Fully Automatic Pressure Points Control
- Integrated, automatic pressure generation up to 700 bar
- PC based Calibration software
- Pressure Gauge/Transmitter/Switch Test
- External Pressure Module

Ordering Information

Model:

AHC - Range

Example: 700 bar, AHC-700BAR

Standard accessories:

- 1) Accredited Certificate Traceable
- 2) Operating Manual
- 3) SS Adaptors Quick Connect to - 1/2", 3/8", and 1/4" FNPT or 1/2", 3/8", and 1/4" FBSP. Request for other type
- 4) UK Power Cord. Request for other type
- 5) Warranty 18 Months

Pressure Specification

Internal Reference Ranges:

0~100 bar, 0~200 bar,
0~400bar, 0~700 bar

Accuracy:

0.025 % FS or 0.01 % FS

Pressure Resolution:

User Selectable 4/5/6 Full Digits

Temperature Compensation:

15 ~ 45 °C to rated accuracy

Selectable Engineering Units:

Mpa, bar, kg/cm2, kPa, psi, etc

Time Pressure Generation:

< 30 seconds to 700 bar

Automatic Control Stability:

0.005% F.S

Pressure Generation:

Built-in

electric pump (self generate),
Maximum 700 bar

Media:

Water / Hydraulic Oil

Available Pressure Modules

400bar, 300bar, 200bar
140bar, 70bar, 35bar or
request for other ranges

Electrical Inputs

mA Input Range:

$\pm 0 \sim 24$ mA(24 VDC Loop Power)

mA Input Accuracy:

0.01 % FS

Volts Input Range:

$\pm 0 \sim 30$ VDC

Volts Input Accuracy:

0.025 % FS

Switch Input:

Non-Voltage Input

General Specification

Display:

7.0" TFT Capacitive
Colour Touch Screen

Warm Up Time:

5 mins

Communication:

USB

Size:

450L x 400D x 153H mm

Weight:

15 kg

Power:

230 or 115Vac @ 2 Amp