



Pressure Calibrators are lightweight pressure sources that are used to smoothly generate and set pressures at two test points, and the calibration is performed by comparing the result of a master Transducer with gauge under test. The customer needs to additionally order master Transducer with these pumps to make use of them.

Application

Site calibration of analog gauges and verification of pressure transmitters or switches.

Operating Principle

Fluid Pressure generated by a screw pump is made available at two test ports. A suitable Master Transducer (not part of supply) is fixed at one port and the gauge under test is fixed on the second port.

Materials of Construction

Internals : Mainly Stainless Steel
Base : Aluminum

Special Features

Range : 300 Bar
Accuracy : Depends on master gauges used.
Pressure Generation : Direct via Ram Screw
Dimensions : 361 x 382 x 245 mm or less

Standard Manufacturing Program

Model Pressure	Range		Operating Fluid
	BAR	PSI	
REP 12	0 - 300	0 - 4000	OIL

Standard Accessories

1/8", 1/4", 3/8", 1/2" BSP Adaptors
Instruction Manual
Spare Seals, Tool Bag
Dust Cover
Operating fluid for oil based instruments only

Optional Accessories

1/8", 1/4", 3/8", 1/2" BSP Adaptors
Angle Adaptor for back mounting gauges
Pointer Puller
Pointer Punch

Master Transducer

Range : 300 Bar
Accuracy : $\pm 0.25\%$ f.s. , $\pm 0.1\%$ f.s.
M.O.C : Stainless Steel
Process Connection : 1/4" NPT or 1/2" NPL limited others on request
Units : Bar standard, kg/cm², psi



Hytech Micro Measurements Pvt. Ltd.

C-24, Shivalik, New Delhi - 110017, India.

T: 91-11-26673108, 26683970
F: 91-11-26683970

E: sales@hytechmicro.com
W: www.hytechmicro.com