

Hand Operated Vacuum and Pressure Pump Calibrator (Ace AI-2200)



Ace AI-2200 Hand operated Pressure and Vacuum Pump is easy to use and operated manually with a pressure generation of 30 Bar and vacuum upto -0.9 Bar. This pneumatic hand pump calibrator is economical and accommodates most digital gauges as master for calibration and comparison purposes

Specifications:

Model 1	Ace AI-2200 (Calibrator only)
Model 2	Ace AI-2200 (Calibrator with master pressure gauge (0 to 30 Bar))
Model 3	Ace AI-2200 (Calibrator with master Vacuum gauge (-1 to 0 Bar))
Model 4	Ace AI-2200 (Calibrator with master pressure & vacuum gauge (-1 to 25 Bar))
Measuring Parameters	Pressure, Vacuum
Vacuum Range	Amb to -0.9 Kg/Cm^2
Pressure Range	Amb to 30 Kg/Cm^2
Pressure Ports	SS 304
O-Rings	Nitrile rubber
Fittings	SS 304
Connection Type	1/2" BSPF
Material Of Construction	Aluminium
Box Contains	Pneumatic Hand Pump, Connector(3 No's), Spare O-rings, Flexible hose
Weight	900 gms approx
Manufacturer	Ace Instruments
Other Ranges Available	Hydraulic Hand Pump Calibrator (0-700kg/cm ²) (Contact Store)



Master Gauge Specifications

Model No	DPG Series
Measuring Parameters	Vacuum, Pressure
Ranges	-1 to 0 Bar, -1 to 3 Bar, -1 to 25 Bar, 0 to 30 Bar
Accuracy	±0.5%
Resolution	1 mm Hg/1 mbar
Display	4 digits - 2" x 3/4" (48mm x 16mm)
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 75°C
Sensor Type	316L welded, Piezo
Rubber Boot	Silicone rubber (IP65)
Case Material	ABS (IP64)
Response Time	≤ 3 Hz display refresh rate
Connection	1/4" NPT 304SS
Power Supply	2 x AAA battery (1.5V)
Power off	Auto or manual shut-off
Battery Life	2yrs (auto shut-off mode)
Operation Life	1 million cycles
Calibration	Will be provided at no extra cost valid for 1yr traceable to National/International standards
Warranty	1 Year Manufacturing Warranty
Case Size	2.5" (63mm)
Weight	400 Grams
Manufacturer	Winters

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