

# Hand Operated High Pressure Pump Calibrator (Ace AI-2300 )



Ace AI-2300 Hand Operated High Pressure Pump is easy to use and operated manually with a pressure generation of 600 Kg/cm<sup>2</sup>. This pneumatic hand pump calibrator is economical and accommodates most digital gauges as master for calibration and comparison purposes



# Features:

- | Selector valve for vacuum or pressure generation
- | Pressures to 600 psi
- | Vacuum to 28.5 inHg
- | Dual-source of pneumatic vacuum and pressure
- | High pneumatic pressure generation with minimal effort
- | Precision vernier control
- | Built-in fine adjust vernier
- | Needle valve provides controlled pressure release
- | Comfortable, ergonomically designed molded handles
- | Adjustable stroke and Extremely efficient

Manufacturer	Ace Instruments
Model No	Ace AI-2300
Measuring Parameters	Pressure
Pressure Range	0 to 600 Kg/Cm <sup>2</sup>
Material Of Construction	SS 304
Weight	Approx. 2.5 Kg





## 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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