

Intelligent Pressure Calibrator

General information about ADIP-7003C Intelligent Pressure Calibrator

Intelligent Pressure Calibrator has the double-line large screen with backlight function. It can meet customers' requirement in the 5-digit display and 9 pressure units. It provides pressure measurement for calibrating pressure (differential pressure) transmitters, precision (general) pressure gauges and other pressure instruments. It has been used in the industries of power, chemical, petrol, metallurgy, metering, etc.

Features:

- Equipped with rugged aluminum alloy cover
- Pressure-transmitting medium including air, oil, and water
- 5-digit LCD screen with backlight
- 9 Pressure Units Selectable: kPa, Pa, psi, kgf/cm², bar, mbar, mmH₂O, mmHg, MPa.
- Zero point, full scale calibration function
- Lithium battery inside and special adapters
- Overload and short circuit protection
- Light weight, small size, easy operation
- Rapid in operation, compatible with computer software
- Support Hart Version 5
- CE approved



Technical specification of the device:

- Range(-1-0)bar,(0-700)bar(any range within this two range)
- Accuracy:±0.05%F.S
- Current measurement: (0-25)mA Accuracy: ±(0.02%R.D+0.005%F.S)
- Voltage measurement: (0-25)V Accuracy: ±(0.02%R.D+0.005%F.S)
- Temperature compensating range:(0-50)°C
- DC output:DC24V(≤30mA) Accuracy: ±1%F.S
- Power supply: Lithium battery power supply or special adapter
- onnection: M20×1.5 or 1/4"NPT male thread(or customized)
- Dimensions: Φ95mmx50mm.
- Total Height:150mm
- Weight:0.75kg

