

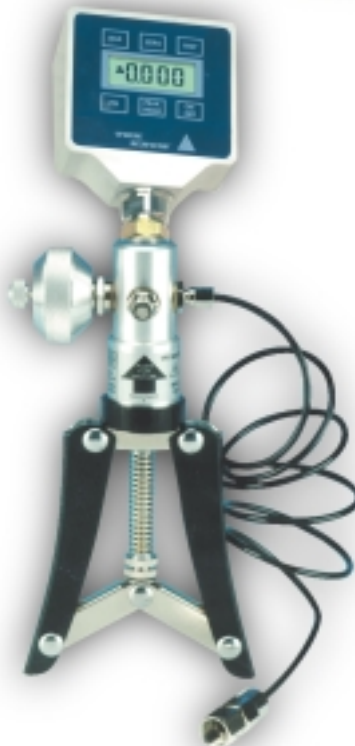
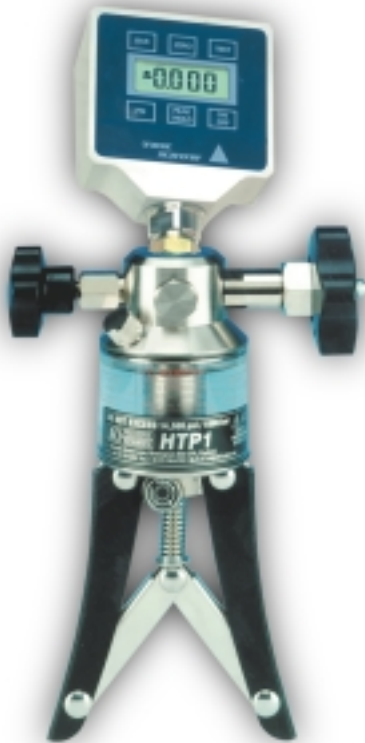
PM 110 SERIES

ACCURATE AND PORTABLE HAND-HELD PRESSURE CALIBRATION

The PM110 Series includes unique hand-held digital pressure calibration systems with accuracies of 0.05% or 0.1% full scale, including hysteresis, repeatability, and temperature effect. The PM110 Series is ideal for on-site calibration of pressure transducers, pressure transmitters, pressure switches, pressure relief valves, or any other digital or analog pressure instrumentation.

The standard RS232 interface can be linked with our PRE-CAL software for efficient document control and calibration certificates traceable to national and international standards.

- **True calibration**
Provides true pressure references, not simulated ones
- **Accurate measurement**
Accurate to 0.05% full scale, including hysteresis, repeatability, and temperature effect
- **Operating temperature range**
From -10°C (14°F) to 50°C (112°F)
- **Rugged and compact design**
Weighing only 6.6 lbs, it's the optimal choice for field use
- **Communications port**
RS232 interface is standard, with optional Windows™-based calibration software
- **Indicator or hand pumps can be ordered separately**



Unit to calibrate data			
Type of instrument	Pressure Transducer	Pressure range	0 to 10000 psi
Model	DYZ2	<input type="checkbox"/> Use extra	Min. Max. Unit
Manufacturer	Dynisco	Signal Conversion	
Serial number	12345	Output signal	mA
Tag / ID number		Accuracy	0.05 % F.S.
Date calibrated	12/04/2001	Next calibration	12/04/2002
[OK] [Help] [Cancel] [Import data]			

**FREE
PRE-CAL
SOFTWARE**

PM 110 SERIES, CONTINUED

PM110-L

The digital indicator on this pneumatic unit includes automatic zeroing at the touch of a button, as well as a peak hold feature to identify the maximum pressure reading.

SPECIFICATIONS

ACCURACY	0.05% or 0.1% FS (combined hysteresis, repeatability and temperature effect)
OPERATING TEMPERATURE	-10 to 50°C
RANGES	-24" Hg vacuum to 360 PSI
READ OUT	"Hg/PSI (other units available)
RESOLUTION	0.1 PSI
POWER SUPPLY	9V NiCad rechargeable battery
OPERATING TIME	100 hours (continuous use)
CALIBRATION MEDIUM	Air
HOSE	1m flexible hose with quick fit connection — 1/4" BSP
CONNECTIONS	3/8" BSP female for reference gauge, 1/4" BSP female for flexible hose (test connection)
WEIGHT	6.6 lbs
CERTIFICATION	Traceable certificate standard (NIST certificate is optional)
DELIVERY	Comes with a carrying case, traceable calibration certificate, battery charger, manual, test hose, and seven piece adapter fitting kit (1/4" BSP x 1/8", 1/4", 3/8", 1/2" NPT and 1/4" BSP x 1/8", 3/8", 1/2" BSP).

PM110-H

This high pressure unit generates pressures up to 10,000 psi; using hydraulic oil or distilled water. When using distilled water, calibrations may be performed in hazardous environments. A built-in fine adjustment valve assures accurate pressure settings and a built-in test function permits verification of pressure sensor accuracy.

SPECIFICATIONS

ACCURACY	0.05% or 0.1% FS (combined hysteresis, repeatability and temperature effect)
OPERATING TEMPERATURE	-10 to 50°C
RANGES	0 to 500 PSI, up to 10,000 PSI in 1000 PSI increments
READ OUT	PSI/bar (other units available)
RESOLUTION	Up to 999 PSI = 0.1 PSI 1000-9999 PSI = 1 PSI
POWER SUPPLY	9V NiCad rechargeable battery
OPERATING TIME	100 hours (continuous use)
CALIBRATION MEDIUM	Oil or distilled water
OPTIONAL RELIEF VALVE	Available calibrated at any pressure
HOSE	1m flexible hose with quick fit connection — 1/4" BSP
CONNECTIONS	3/8" BSP female for reference gauge, 1/4" BSP female for flexible hose (test connection)
WEIGHT	6.6 lbs
CERTIFICATION	Traceable certificate standard (NIST certificate is optional)
DELIVERY	Comes with a carrying case, traceable calibration certificate, battery charger, manual, test hose, and seven piece adapter fitting kit (1/4" BSP x 1/8", 1/4", 3/8", 1/2" NPT and 1/4" BSP x 1/8", 3/8", 1/2" BSP).

ORDERING INFORMATION

PM110-L-X-0.05%	Pressure calibrator PM110-L, Pneumatic	-25" Hg to 360 psi	\$ 2,650
PM110-H-X-0.05%	Pressure calibrator PM110-H, Hydraulic	up to 10,000 psi	3,360

MORE ORDERING INFORMATION ON NEXT PAGE

ORDERING INFORMATION

CALIBRATORS

PM110-L

Included in standard delivery: Pneumatic pressure calibrator, test hose with adapter kit 1 fittings, carrying case, rechargeable battery and charger, instruction manual, calibration certificate, RS-232 interface. Please specify engineering unit: BAR/psi or KPA/KG/CM2



PM110-L-0.1%	Pressure calibrator PM110-L	\$ 2,500
PM110-L-0.05%	Pressure calibrator PM110-L	2,650
ADAPTERKIT1	BSP to NPT fittings (1/4 BSP male to 1/8, 1/4, 3/8, 1/2 NPT Female)	100
ADAPTERKIT2	BSP to BSP fittings (1/4 BSP male to 1/8, 3/8, 1/2 BSP Female)	100
PHK-8000-1M	Hose test kit, 1m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	170
PHK-8000-2M	Hose test kit, 2m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	180
PHK-8000-3M	Hose test kit, 3m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	190
PM-BC-H	Battery charger, 230V for PM110	210
PM-BC-L	Battery charger, 110V-120V for PM110	210
PM-CC-L	Case carrying for PM110-L	180
CAL-PM	NIST calibration PM110	300
PRE-CAL	Pressure calibration & document control software	400

PM110-H

Included in standard delivery: Hydraulic pressure calibrator, test hose with adapter kit 1 fittings, carrying case, rechargeable battery and charger, instruction manual, calibration certificate, RS-232 interface. Available in ranges: 500 to 10,000 psi in 1,000 psi increments. Please specify engineering unit: BAR/psi or KPA/KG/CM2



PM110-H-X-0.1%	Pressure calibrator PM110-H	\$ 3,180
PM110-H-X-0.05%	Pressure calibrator PM110-H	3,360
PM105-X-0.05%	Indicator head only	1,900
PM105-X-0.1%	Indicator head only	1,700
ADAPTERKIT1	BSP to NPT fittings (1/4 BSP male to 1/8, 1/4, 3/8, 1/2 NPT Female)	100
PHK-8000-1M	Hose test kit, 1m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	170
PHK-8000-2M	Hose test kit, 2m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	180
PHK-8000-3M	Hose test kit, 3m flexible hose, 8,000 psi, 1/4 BSP female gauge adapter	190
PHK-14500-1M	Hose test kit, 1m flexible hose, 14,500 psi, 1/4 NPT female gauge adapter	250
PRV-1K	Pressure relief valve, calibrated at 1,000 psi	205
PRV-3K	Pressure relief valve, calibrated at 3,000 psi	205
PRV-5K	Pressure relief valve, calibrated at 5,000 psi	205
PRV-SPEC	Pressure relief valve, calibrated at customer specification	250
PM-BC-H	Battery charger, 230V for PM110	210
PM-BC-L	Battery charger, 110V-120V for PM110	210
CAL-PM	NIST calibration PM110	300
PM-CC-H	Carrying case for PM110-H	220
PRE-CAL	Pressure calibration & document control software	400

The "x" in the part no. should indicate the pressure range in psi