

Column Manometers

MERCURY AND WATER COLUMN MANOMETERS



Applications:

- *Measuring of pressure and vacuum.*
- *Calibration of industrial instruments*



Manometers

MERCURY AND WATER COLUMN

Manometers with a liquid column are direct pressure and vacuum gauges suitable for use in measuring laboratory or for production control systems. Built-in version as well as wall or bench version are available.

GENERAL STRUCTURAL CHARACTERISTICS

- Bearing structure made of plate painted.
- Visible zero level with front regulation ring nut.
- Double-graduation scales with zero compensation and correction at 20 °C.
- Calibrated glass tube and stainless steel heads.
- Stainless steel tank having a capacity of about 250 cc, fitted with an outlet plug and an internal small damping valve.
- Ring nut connections for pneumatic pipe (6 x 4 mm).
- Bench versions with aluminum structural frame and laminated panels, adjustable feet, pressure and vacuum plugs.

TECHNICAL CHARACTERISTICS OF MERCURY GAUGE

- Glass tube: Ø 9,6 mm (internal).
- Precision: ±0,1% v.f.s. ±1 mm Hg at a temperature value of 20 °C.

CM model: assembly on a base by means of screws.
 CMW model: wall assembly.
 CMT model: use for bench with a base and adjustable feet as well as vacuum and pressure sockets.

TECHNICAL CHARACTERISTICS OF WATER GAUGE

- Glass tube: Ø 9,6 mm (internal).
- Precision: ±0,2 % v.f.s. ±1 mm H₂O at a temperature value of 20 °C.

CA model: assembly on a base by means of screws.
 CAW model: wall assembly.
 CAT model: use for bench with a base and adjustable feet as well as vacuum and pressure sockets.

CM/CMW/CMT	LEFT SCALE	DIV.	RIGHT SCALE	DIV.
8-01	0 / 15.5 psi	0.1 psi	0 / 1050 mbar	0 / 1050 mbar
9-01	0 / 17 psi	0.1 psi	0 / 10 linear	0 / 10 linear
10-01	0 / 1040 mm Hg	1 mm Hg	0 / 20 psi	0 / 20 psi
10-02	0 / 1040 mm Hg	1 mm Hg	0 / 1.4 m H ₂ O	0 / 1.4 m H ₂ O
10-03	0 / 1000 mm Hg	1 mm Hg	0 / 550 inch H ₂ O	0 / 550 inch H ₂ O
12-01	0 / 23 psi	0.1 psi	0 / 1580 mbar	0 / 1580 mbar
12-02	0 / 1200 mm Hg	1 mm Hg	0 / 23 psi	0 / 23 psi
15-01	0 / 1500 mm Hg	1 mm Hg	0 / 30 psi	0 / 30 psi
20-02	0 / 1550 mm Hg	1 mm Hg	0 / 2050 mbar	0 / 2050 mbar
CA/CAW/CAT	LEFT SCALE	DIV.	RIGHT SCALE	DIV.
12-02	0 / 1200 mm H ₂ O	0 / 1200 mm H ₂ O	0 / 120 mbar	0.5 mbar
20-01	0 / 2000 mm H ₂ O	0 / 2000 mm H ₂ O	0 / 200 mbar	0.5 mbar

MODELS DIMENSIONS in mm									
BUILT-IN VERS.	A	B	C	D	BENCH VERS.	E	F	G	H
CM - 8	175	990	135	950	CMT/CAT - 8	285	215	350	1100
CM/CA - 10	175	1215	135	1175	CMT/CAT - 10	285	215	350	1315
CM/CA - 12	175	1390	135	1350	CMT/CAT - 12	285	215	350	1490
CM/CA - 15	175	1740	135	1700	CMT/CAT - 15	285	215	350	1850
CM - 20	175	1740	135	1700	CMT - 20	285	215	350	1850
CA - 20	175	2190	135	2150	CAT - 20	350	215	400	2300

CM/CA STANDARD EQUIPMENT:

- User instruction manual.

CMT/CAT STANDARD EQUIPMENT

- User instruction manual.
- Spare glass tube.
- Kit of gaskets.
- Kits of connections and a pipe (6 x 4 mm).

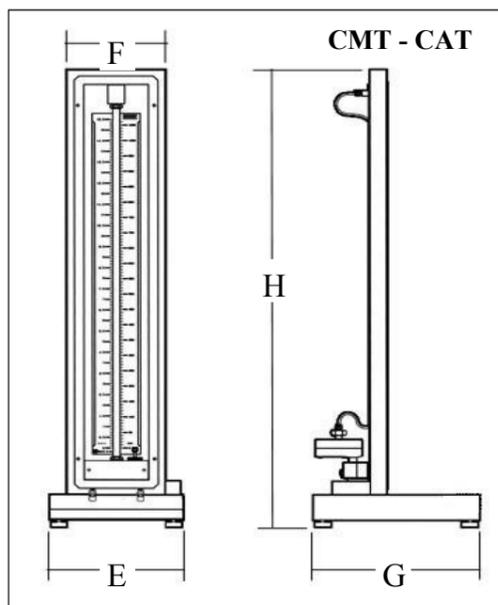
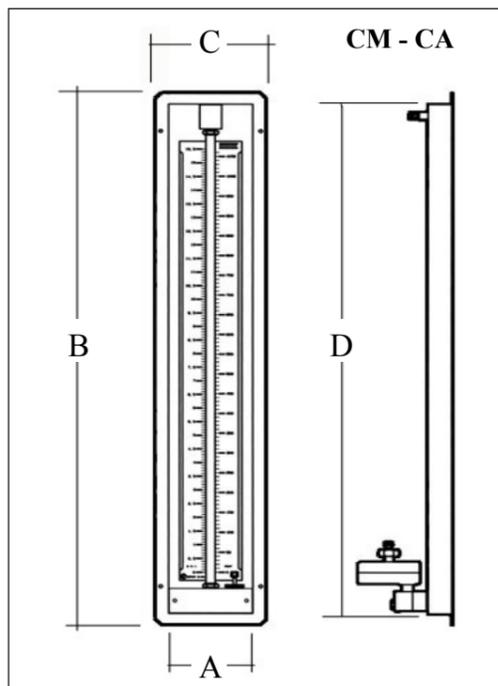
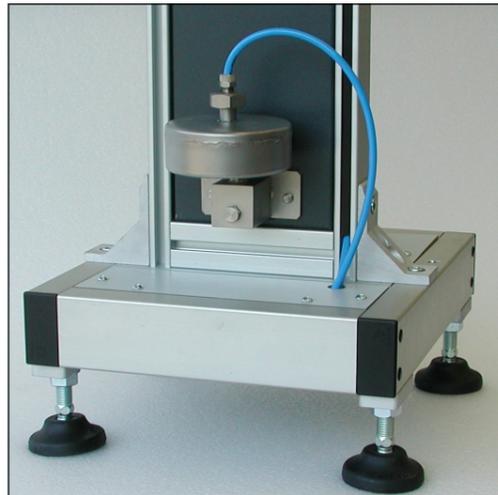
ACCESSORIES ON DEMAND:

- CONF.HG - distilled mercury.
- CONF.H2O - distilled water charged with green dye.
- THERM. 185 - Precision thermometer, scale: 0,50 °C div. 1/10 °C.
- CERTI_MAN. CM/CA - S.I.T. certificate.
- W-CM/CA - Wall support clamps.
- Rear liquid recovery tank.
- BT10/BTV manual small pumps.

CERTIFICATION:

All instruments are supplied with final testing, stability and accuracy report traceable to S.I.T. standards.

A QUESTION OF CALIBRATION



ISO 9001
 CERT. N°9115



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