

M2710

DIGITAL CALIBRATOR



DATA SHEET



M2710 is the digital portable calibrator of ForTest® M series. Enclosed in a container of anodized aluminium with shatterproof plexiglass front, we find a completely new circuit board and a mass flow meter sensor, for direct measurement of leaks. Coupled to the micrometer nozzle supplied, they are designed to simulate the desired leakage, facilitating the procedure for programming and verification of leak test instruments.

M2710 Standard version has got a lithium ion battery rechargeable that gives it an incredible autonomy and a USB port for PC connection in order to download and manage the taken measures.

M2710 uses a mass flow sensor and can detect flow rates up to 200 cc/min with precision and reliability. This portable instrument, of compact dimensions and simple use is essential to check the calibration and the repeatability of measure instruments and of nozzle sample..

Applications Fields

- Calibration control for FORTEST® leak test and flow test instruments
- Calibration control for others leak test and flow test equipment
- Leak test control of masking system Detection of leakage entity Nozzle control Direct control

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Application Sectors

Industrial		
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Measurement Characteristics

Model		0-30cc/min	0-200cc/min
Δp(Leak)	Accuracy	0,5% RDG +0,07% FS	0,5% RDG +0,1% FS
	Resolution	0,01 cc/min	0,1 cc/min

Optional

- High resolution measure – (STANDARD)

Features

- Black anodized aluminium case
- "No break-through" plexiglass front panel
- Rechargeable lithium io Battery
- LCD display with wide viewing
- Three usage buttons
- Display mode in cc/min, cc/h, lt/min, lt/h
- Automatic Auto zero and from keyboard
- Working temperature 15+40 °C
- Automatic sleep mode
- Micrometer nozzle included
- Pressure full scale:(mbar) 100
- Flow full scale: 30 or 200 cc/min
- Test Gas: Hidrogen Refrigerant Compressed air, Nitrogen, Helium

Technical Specifications

- Dimensions 180 × 80 × 35 mm
- Weight 0,7 Kg
- Display 128×64 pixel

Communication Interfaces

Interface Name	Standard	Protocol
USB-Serial	Yes	ForTest, Trace EOT