

First time
in World

DIGITAL ROTAMETER

Patent
Applied

Available Model

PSI-DRM-1

Pressure measurements are required extensively in industry. Research and other labs for general purpose use. Polltech introduces a series of very reasonably priced digital pressure meters for these applications. These are available in various pressure ranges from 100 mmwc to 100 psi.

Salient Features

- ☞ Polltech, a leading designer & manufacturer of advanced digital flow measuring instruments, introduces a totally new design rotameter with digital display of flow with very high resolution.
- ☞ As a first in the world, Polltech is proud to introduce this product for various full-scale ranges.
- ☞ Using highly advanced flow metering technology, this compact, lightweight. Digital flow meter can easily replace use of variable area flow meter in Laboratory, instrumentation & Industrial applications.
- ☞ Very handy and simple to operate, it is battery operated with charging adaptor. High Intensity 4-digit LED display helps in reading the flow value from a distance.
- ☞ Guaranteed Accuracy: $\pm 1\%$ of $\pm 2\%$ of FS (Higher Accuracy of $\pm 2\%$ of reading is in development stage & will be introduced shortly)
- ☞ High Resolution – 1 in 9999



Full Scale Ranges Presently Available:

1.0 to 500.0 ccm, 1.0 to 999.9ccm, 0.02 to 2.000lpm, 0.03 to 3.000lpm, 0.05 to 5.000lpm, 0.10 to 10.00lpm

Full Scale Ranges Under Development:

25.00, 50.00 and 100.0 lpm

Technical Specification:

Flow Range	1.0 to 500.0 ccm	1.000 LPM	2.000 LPM	3.000 LPM	5.000 LPM	10.00 LPM
Resolution	0.1 ccm	1 ccm	1 ccm	1 ccm	1 ccm	10 ccm
Accuracy	Better than $\pm 2\%$ of FS (or 1% optional)					
Display	4-digit 7 segment LED					
Power supply	Built-in rechargeable Li-ion battery with external charging Adaptor					
Charging Adaptor	A 5VDC output USB type suitable for 110-230 VAC					
Run Time	20 hours (Fully Charged)					
Flow Inlet / Outlet	Ferrules union for 6 mm OD tubes					
Size and Weight	180X40X40 mm Weight 350 Grams.					

Calibration Certificate from PI calibration Lab (An ISO 17025-2007 NABL accredited Lab) available on request. Please contact us for OEM applications.

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