



PRITI ENTERPRISES

SALES, CALIBRATION & PROJECT ENGINEERING
(KNOWN FOR TOTAL AUTOMATION SOLUTIONS)

"Building Strong & Technical Sound Leadership For Implementation"

Registered Office & Works

Office.No.22,Shivraj Industrial Premises
Sector-7,Plot.No.133,PCNTDA
MIDC Bhosari-Pune-411026
Tel.No:+91-020-27130143
Mob.No.9922836415
Email:priti.enterprises@peinstrucal.com

SALES & SERVICE : ALL TYPE'S OF FLOW METERS

SCOPE OF FLOW CALIBRATION

Laboratory: M/s. Priti Enterprises, Shop NO. 22, Shivraj Industrial Premises, Plot no. 133, Sector No. 7, PCNTDA, MIDC, Bhosari, Pune - 411026.

Calibration Standard: ISO/IEC 17025:2005

Discipline: Fluid Flow Testing & Calibration Issue Date:

Sr.	Product/Material	Specific Task Performed	Test Method Specification Against Which Tests Are Performed	Range of Testing / Limit of Detection
1	Domestic / Industrial Water Meter Size: Up to 2"	Hydrostatic Pressure Test Accuracy Test	IS 779:1994 ISO 4064/1:1993/2005	Up to 20 Bar Up to 25 m ³ /hr
2	Bulk Water Meter Wollex Size: Up to 3"	Hydrostatic Pressure Test Accuracy Test	IS 2373:1981 ISO 4064/1:1993/2005	Up to 20 Bar 30 to 130 m ³ /hr
3	LoFlow Meters (All Fluids) Size: up to ½"	Accuracy Test Repeatability Test	ISO 4185:1980	Up to 5000 LPH
4	Glass Tube Rotameters (Liquids) Size: ½" to 4"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 130 m ³ /hr
5	Metal Tube Rotameters (Liquids) Size: ½" to 4"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 130 m ³ /hr
6	Electromagnetic Flow Meters (Liquids) Size: ½" to 4"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 130 m ³ /hr
7	Turbine Flow meter (Liquids) Size: ½" to 4"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 130 m ³ /hr
8	Orifice type Flow Meters (Liquids) Size: ½" to 4"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 130 m ³ /hr
9	In line Flow Measurement up to 6000 MM Line Size	Accuracy Test Repeatability Test	ISO 12242:2012	Up to 750 m ³ /hr (NABL Traceability)

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SALES & SERVICE : ALL TYPE'S OF FLOW METERS

Sr.	Product/Material	Specific Task Performed	Test Method Specification Against Which Tests Are Performed	Range of Testing / Limit of Detection
9	Glass Tube Rotameters (Gases)* Size: ¼" to 1"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 140 CFM
10	Metal Tube Rotameters (Gases)* Size: ¼" to 1"	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 140 CFM
11	Mass Flow Meter (Gases)* Size: ¼" to 1"*	Accuracy Test Repeatability Test	ISO 20456:2017 ISO 4185:1980	Up to 140 CFM

*Site calibration also undertaken for these Flow Meters.

MASTERS USED:

Sr.	Description	Make / Model	Range / Capacity	Accuracy
1	Weighing Balance	Samsui	30 Kg	1 gram
2	Stop Watch	Racer	1 min	0.01%
3	Electromagnetic Flow Meter	Siemens (1")	25 m ³ /hr	0.25%
4	Electromagnetic Flow Meter	Siemens (4")	130 m ³ /hr	0.25%
5	Clamp On Type Ultrasonic Flow Meter	Sonic nag	750 m ³ /hr	1.0%
6	Weighing Balance	Eagle	1000 Kg	100 gram
7	Thermal Mass Flow Meter	Kalki	140 CFM	1%

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