

**Calibration Charges : D1.08b, Fluid Flow Metrology (w.e.f. 01.04.2021)**

**Gas Flow**

Sl. No.	Parameter	Item Type / Group	Item Name	Alias Name	Calibration Parameters	No. of Points for Calibration	Limitation / Condition	Charges per Item Rs.	Additional Charges Rs.	*Description for Additional Charges	Remarks, if any
1	Gas Flow	Gas Meter	Mass Flow Controller (MFC), Mass Flow Meter (MFM), digital flowmeter, digital air flow calibrator (sensor type), volume sampler (digital type) etc.	Digital Flowmeter	Gas: Air, Nitrogen	4		10500	2700	for additional each point	Charges are for each range. Flow range of the system: 1 sccm to 1000 slm for air and 1 sccm to 50 slm for nitrogen
2	Gas Flow	Gas Meter	Rotameter, dry gas meter, volume sampler (analog type), roots meter, totalizer type meter, manometer (differential pressure) type flowmeter, Gas Flow Resistor	Analog Flowmeter	Gas: Air, Nitrogen	4		7400	1900	for additional each point	Charges are for each range. Flow range of the system: 1 sccm to 1000 slm for air and 1 sccm to 50 slm for nitrogen
3	Gas Flow	Gas Meter	Laminar flow meter, sonic flow meter, air flow calibrator (piston prover type), orifice flowmeter, compact prover or other high precision flowmeter	High Precision Digital Flowmeter	Gas: Air, Nitrogen	5		17000	3400	for additional each point	Charges are for each range. Flow range of the system: 1 sccm to 1000 slm for air and 1 sccm to 50 slm for nitrogen
4	Gas Flow	Gas Meter	Dry gas meter/ totalizer type meter,	Analog/ Digital Gas meter	Gas: Air, Nitrogen	3		2700	-	-	3 points calibration at minimum, mid and maximum flow without repeatability. Minimum number of meters: 03