



FLOCALTEC

FLOW CALIBRATION TECHNOLOGIES

MOBILE PROVING SYSTEMS



Flocaltec Flow Measurement
Full service provider of high-precision
flow measurement

MOBILE PROVING SYSTEMS



INNOVATIONS:

- PULSATION FREE MASTER METERS
- LOWEST UNCERTAINTIES CALCULATED ACCORDING INTERNATIONAL STANDARDS
- FASTEST CALIBRATION (Less than 60 seconds per calibration point)
- MULTIPLE SENSORS (LF and HF) SIMULTANEOUS
- INTEGRATED FILTER ELEMENTS TO MAINTAIN THE HIGH LEVEL OF PERFORMANCE
- CALIBRATION AND RECALIBRATION BY MEANS OF SMART TRAVELING REFERENCE METERS, TRACEABLE TO RECOGNIZED METROLOGICAL INSTITUTES
- PLUG AND PLAY
- REMOTE OPERATION
- DIMENSIONS WITHIN EUROPALLET
- MULTIPLE MOUNTING POSSIBILITIES (VAN, TRUCK, TABLE, MOBILE)





GENERAL SPECIFICATIONS METRIC:

- Flow Rates M650	2 – 650 m ³ /h	TOTAL UNCERTAINTY < 0,3%
	0,5 – 2 m ³ /h	TOTAL UNCERTAINTY < 0,6%
Flow Rates M400	2 – 400 m ³ /h	TOTAL UNCERTAINTY < 0,3%
	0,5 – 2 m ³ /h	TOTAL UNCERTAINTY < 0,6%
Lower flow rates (0,1 and 0,25 m ³ /h) on request		
- Repeatability	< 0,1%	
- Dimensions (L x W x H)	1200 x 800 x 600 mm.	
- Weight	Approx. 225 kg.	
- Operating temperature range	10 – 30 °C (larger range on request)	
- Storage temperature range	-25 – 60 °C (larger range on request)	
- Differential pressure sensor	0 – 55 mbar (larger range on request)	
- Atmospheric pressure sensor	950 – 1050 mbar (larger range on request)	

GENERAL SPECIFICATIONS IMPERIAL:

- Flow Rates 23M	70 – 23000 cfh	TOTAL UNCERTAINTY < 0,3%
	18 – 70 cfh	TOTAL UNCERTAINTY < 0,6%
Flow Rates 14M	70 – 14000 cfh	TOTAL UNCERTAINTY < 0,3%
	18 – 70 cfh	UNCERTAINTY < 0,6%
flow rates (3.5 and 9 cfh) on request		
- Repeatability	< 0,1%	
- Dimensions (L x W x H)	47" x 20" x 20"	
- Weight	Approx. 500 lbs	
- Operating temperature range	50 – 86 °F (larger range on request)	
- Storage temperature range	-13 – 140 °F (larger range on request)	
- Differential pressure sensor	0 – 0.80 psi (larger range on request)	
- Atmospheric pressure sensor	13.5 – 15.5 psi (larger range on request)	

GENERAL SPECIFICATIONS METRIC:

- AC Power 2kW, 100 – 240Vac, 50/60Hz
- Laptop and software Intel Core I series
4GB DDR3-1600 RAM
300GB Solid State Drive
Ethernet Port 1Gbps
Windows 10 or higher
Remote Access Software
- Control Software User friendly interface
Real time uncertainty calculations
Overview uncertainty contributions
Configurable test reports
Selectable metric / imperial units
- Sensor box Meter Under Test up to 4 signals (LF or HF)

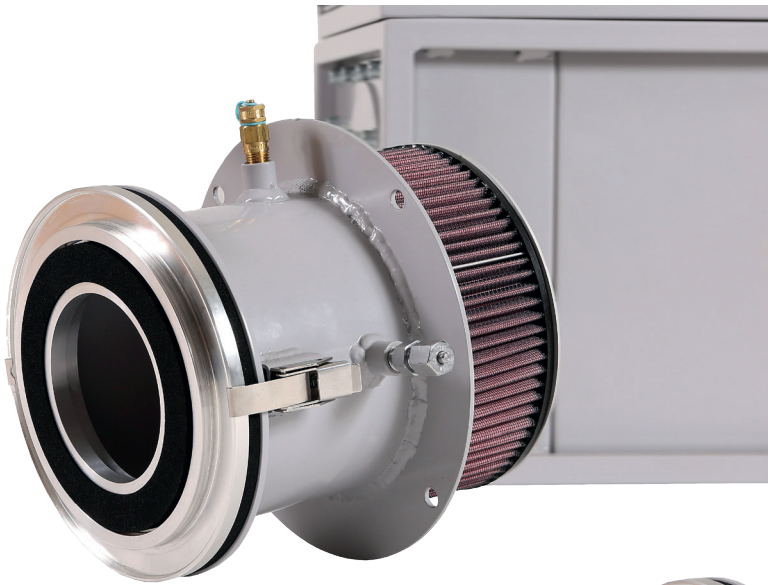


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