



FLOCALTEC

FLOW CALIBRATION TECHNOLOGIES

CALCUBE MODULAR PROVING SYSTEMS



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

CALCUBE MODULAR PROVING SYSTEMS



INNOVATIONS:

- THREE DISCONNECTABLE CUBES OF LESS THAN 33 KG.
- MAXIMUM DIMENSIONS PER CUBE (l x w x h) 50 x 50 x 50 CM.
- DIMENSIONS COMPLETE CALCUBE (l x w x h) 100 x 50 x 50 CM.
- 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
- MULTIPLE MOUNTING POSSIBILITIES (VAN, TRUCK, TABLE, MOBILE)

GENERAL SPECIFICATIONS METRIC:

- Flow Rates M250	2 – 250 m ³ /h 0,25 – 2 m ³ /h	TOTAL UNCERTAINTY < 0,3% TOTAL UNCERTAINTY < 0,5%
Flow Rates M160	2 – 160 m ³ /h 0,25 – 2 m ³ /h	TOTAL UNCERTAINTY < 0,3% TOTAL UNCERTAINTY < 0,5%
Lower flow rates on request		
- Repeatability	< 0,1%	
- Dimensions combined (LxWxH)	1000 x 500 x 500 mm.	
- Weight per cube	< 33 kg.	(<25 kg on request)
- Weight complete prover	< 75 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)

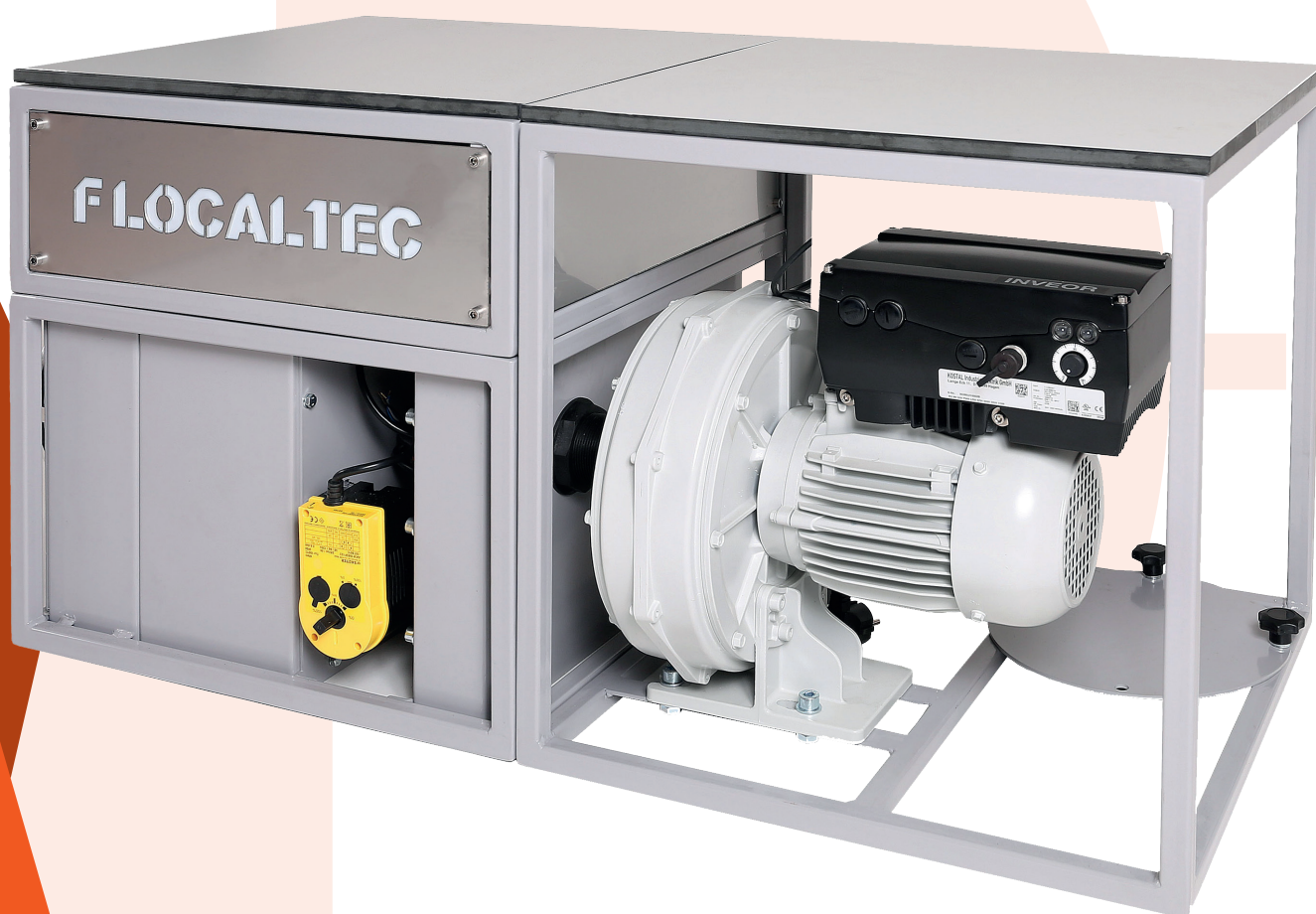
GENERAL SPECIFICATIONS IMPERIAL:

- Flow Rates 10M	70 – 10000 cfh 9 – 70 cfh	TOTAL UNCERTAINTY < 0,3% TOTAL UNCERTAINTY < 0,5%
Flow Rates 5M	70 – 5000 cfh 9 – 70 cfh	TOTAL UNCERTAINTY < 0,3% TOTAL UNCERTAINTY < 0,5%
Lower flow rates on request		
- Repeatability	< 0,1%	
- Dimensions Combined (LxWxH)	40" x 20" x 20"	
- Weight per cube	< 73 lbs	
- Weight complete prover	< 167 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)



OTHER SPECIFICATIONS:

- AC Power	1.1kW, 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)





QUICK FIX INLET ADAPTERS

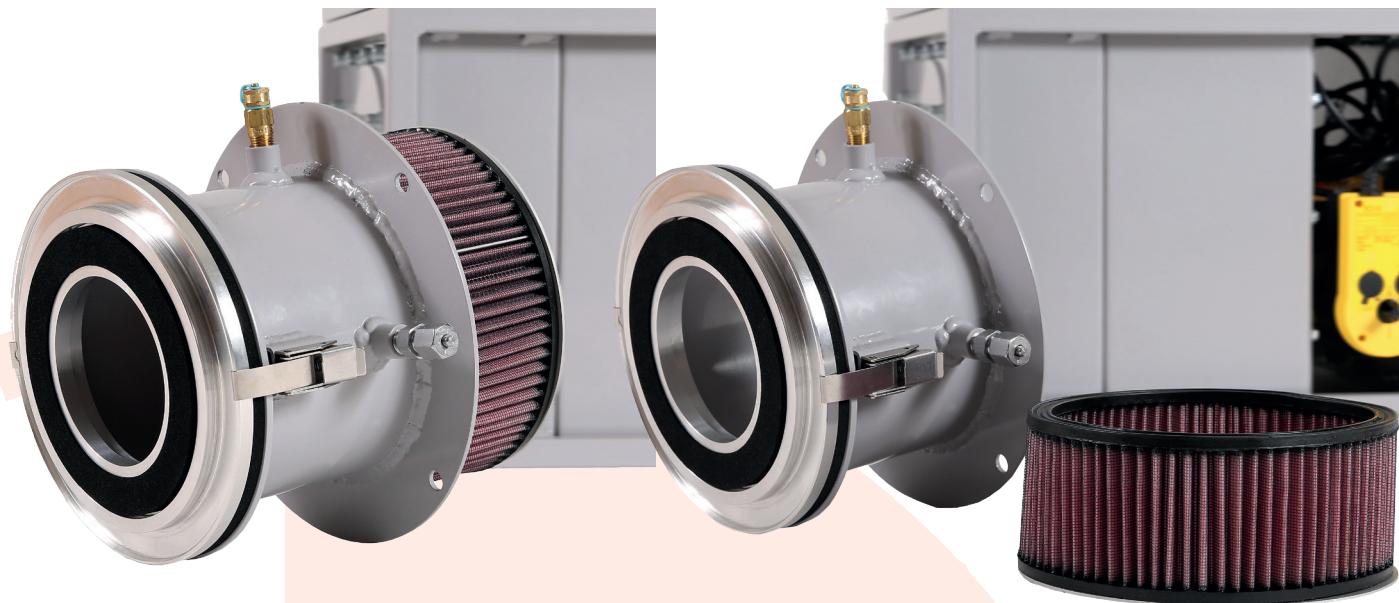
PULSATION FREE MASTER METERS



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**INTEGRATED FILTER ELEMENTS TO MAINTAIN
THE HIGH LEVEL OF PERFORMANCE**







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