TMCO PROVERS

MOBILE PROVING SYSTEMS

FEATURING

- Pulsation free master meters
- Lowest uncertainties calculated according to international standards
- Fastest calibration (less than 60 seconds per calibration point)
- Multiple sensors (LF and HF) simultaneous
- Integrated filter elements help to maintain a 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)
- Optional ISO 17025 certification

TMCO PROVERS

MOBILE PROVING SYSTEMS

GENERAL SPECIFICATIONS

Flow Rates 23M (FCT-650)	70 – 23,000 cfh (2 – 650 m^3/h) 18 – 70 cfh (0.5 – 2 m^3/h)	TOTAL UNCERTAINTY < 0.3% TOTAL UNCERTAINTY < 0.6%
	Lower flow rates 3.5 and 9 cfh (0.1 and 0.25 m^3/h) on request	
Repeatability	< 0.1%	
Dimensions (LxWxH)	47” x 20” x 20” (1200 x 800 x 600 mm)	
Weight	Approx. 500 lbs (Approx. 225 kg)	
Operating temperature range **Storage temperature range**	50 – 86 °F (10 – 30 °C) -13 – 140 °F (-25 – 60 °C)	larger range on request larger range on request
Differential pressure sensor **Atmospheric pressure sensor**	0 – 0.80 psi (0 – 55 mbar) 13.5 – 15.5 psi (950 – 1050 mbar)	larger range on request larger range on request

OTHER SPECIFICATIONS

AC Power	2kW, 100 – 240Vac, 50/60Hz
Laptop and software	Intel Core I series 8GB 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 imperial / metric units
Sensor box Meter Under Test	up to 4 signals (LF or HF)

TMCO PROVERS

MOBILE PROVING SYSTEMS

TMCO PROVERS

MOBILE PROVING SYSTEMS

INTEGRATED FILTER ELEMENTS HELP TO MAINTAIN A HIGH LEVEL OF PERFORMANCE

TMCO THE MEASUREMENT COMPANY

www.tmcousa.com | support@tmcousa.com | 713.465.3255

Copyright© 2024 TMCO, LLC All rights reserved. Specification may change without notice.

ML 0004 01-2024