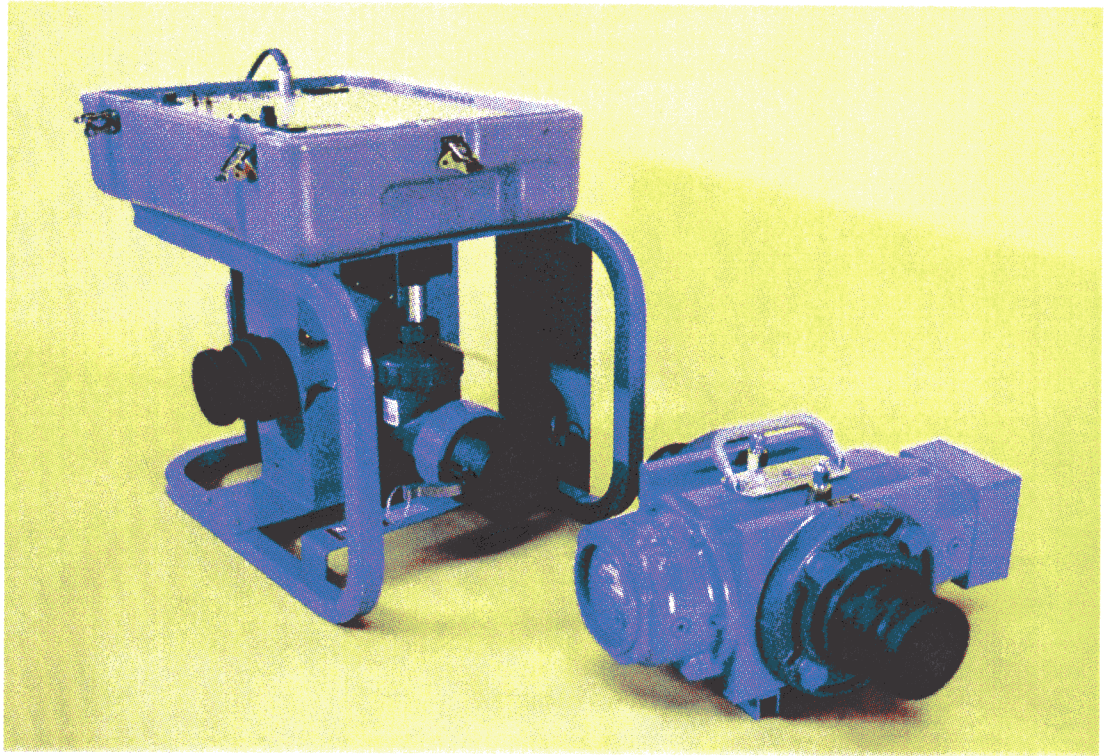


Mobile 5 ROOTS® Prover



The Mobile 5 ROOTS® Prover is an integrated computer controlled system for verification and testing of rotary, turbine and diaphragm gas meters. Designed to prove gas meters in the field or in the meter shop, the Mobile 5 is especially suited for reaching meters which previously were inaccessible to conventional proving systems. Everything necessary for proving a meter can be easily transported from a vehicle by one person in two trips.

The system is comprised of three basic subsystems:

1. The Blower System
2. The Controller System
3. The Master Meter

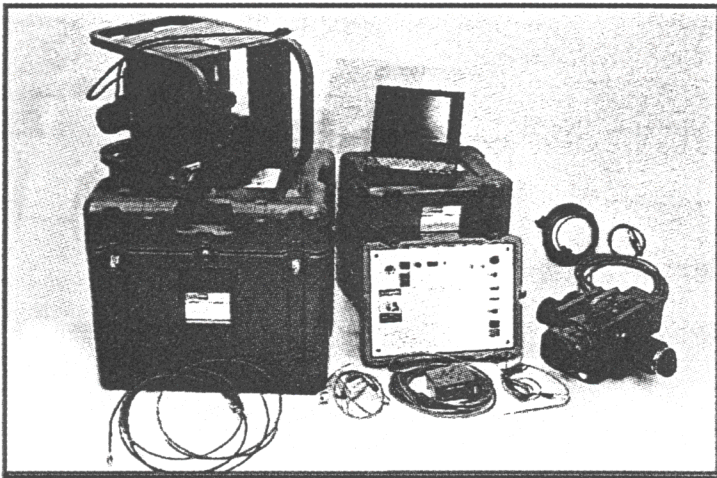
In addition to these basic subsystems, the following additional hardware is included to complete the system:

- Field meter temperature probe
- Field meter pulser unit
- Field meter junction box / cable
- Master meter cable
- Computer data cable
- Main power cable
- Prover hose
- 1/4" nylon pressure tubing
- Assorted fittings

A personal computer, which is not included, is required to complete the system.

SPECIFICATIONS

Accuracy:		+/- 0.55 %
Repeatability:		+/- 0.15 %
Ambient operating temperature:	Master Meter:	+32° to +140° F 0° to +60° C
	Controller, etc.:	-4° to +140° F -20° to +60° C
Ambient storage temperature:	Master Meter:	-40° to +140° F -40° to +60° C
	Controller, etc.:	-40° to +185° F -40° to +85° C
Humidity:		up to 95% non-condensing
AC Power:		120 or 240 volts +/- 15%, 48 to 62 hertz
Blower Capacity:		0 to 7,200 ACFH at 10 inch H ₂ O differential 0 to 200 ACMH at 25 millibar differential
Compliance:		Meets FCC Part-15 requirements
Test Medium:		air only
Test Pressure Range:		Vacuum testing with air at atmospheric pressure
Test Flow Rate	(5M Master Meter)	35 - 5000 ACFH
Safety Rating:		Complies with Underwriters Laboratory Requirements



Complete Mobile 5 Proving System includes blower, controller, master meter, storage cases, connectors, cables and (optional) laptop computer. The prover hose is not shown.

DMD-Roots Division

ROOTS®
Measurement
Products

POWER EQUIPMENT CO.
Manufacturers Representative
2011 Williamsburg Rd. • Richmond, VA 23231
(804) 236-3800 • FAX (804) 236-3882
www.peconet.com