

XARTU™ Transfer Prover

The **XARTU-TP™** Transfer Prover is a portable proving system designed to provide accurate field proving for rotary, turbine, and diaphragm meters. The compact design allows the prover to be transported to field locations without the need of a dedicated vehicle or multi-person work crews. The net weight for a 3M prover without the blower and hose is only 64 lbs. The prover system's low power design allows testing and blower operation using a standard AC/DC inverter as opposed to the need for a dedicated AC circuit or gas generator. Each prover is shipped from the factory with NBS (National Bureau of Standards) Certificate of Calibration.



Proving System Package Includes:

- Prover electronics XARTU-TP™
- Detachable high frequency pulser
- Master Meter
- Quick connect temperature probe
- Quick connect pressure tubing
- Push button for manual operation
- Blower with quick connect 10' hose included
- Rugged Pelican case with custom foam insert
- Net weight total 3M Only - 85lbs
- Net weight Prover 3M Only - 64lbs

Prover Electronics XARTU-TP™ :

- NEMA 4X enclosure with 4-line LCD and keypad
- Car charger, AC/DC charger & battery
- (2) Temperature Inputs
- (1) Pressure Inputs

Operating Modes Supported:

- Self test mode
- Leak test mode
- Measure (proof) mode
- All calculations for measure mode are automatically done by XARTU-TP™

User-friendly Features:

- Run modes for Automatic and Manual
- Menu driven Weatherproof and Keypad
- Easy to read 4 Line display
- Fully supported in Field Manager™ software
- No computer needed in field

Master Meter Models:

Rotary models 11C, 15C, 3M, 5M, 7M

Blower Specifications:

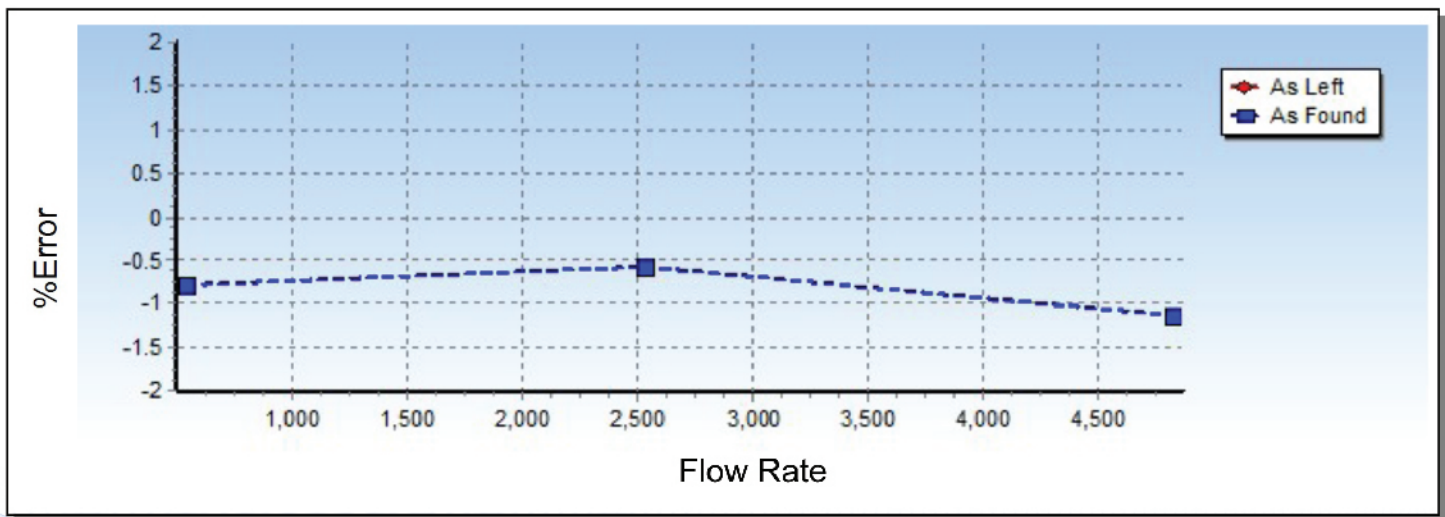
- Portable & light weight
- 110 VAC
- Net weight with hose - 21 lbs.



Sample Output Report

Transfer Prover Report

Date of Proof	09/20/2010 11:17:07 AM
Operator Name	dkb
Field Meter Type	5M
Field Meter Serial #	123567
Meter ID	028563a
Meter Name	Whitman a
Temp Comp Meter	No
Output Drive	10 CF/Rev
Master Meter Type	5MR
Master Meter S/N	1033940
Master Meter Location	Up Stream
Minimum Test Time	30



As Found Data

Flow Rate	Actual Test	%Error	%Accuracy	%Proof	Diff Pres	MM Temp	FM Temp	Pres Adj	Temp Adj	TCMeter Adj
4817.1890	50.0	-1.1365	98.8635	101.1365	2.4487	69.8448	72.3072	-0.6122	-0.4629	0.0000
2529.3809	40.0	-0.5616	99.4384	100.5616	0.5274	69.9655	72.4298	-0.1318	-0.4631	0.0000
548.0109	10.0	-0.7938	99.2062	100.7938	0.0197	69.0137	72.4338	-0.0049	-0.6427	0.0000

NOTES:

