

XARTU™ TRANSFER PROVER

The XARTU-TP™ Transfer Prover is a portable system designed to provide accurate field proving for rotary, turbine, and diaphragm meters. Its compact design allows the prover to be transported to field locations without the need for a dedicated vehicle or multi-person work crews. Net weight for a 3M prover without the blower and hose is only 64 lbs.

The prover system's low demand power design allows testing and blower operation using only 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 NIST (National Institute of Standards and Technology) test report.



Proving System Package Includes:

- Prover electronics XARTU-TP™
- Detachable high frequency pulser
- Master Meter
- Quick connect, fast responses, 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 keypad
- Easy to read 4 Line display
- Fully supported in Field Manager™ software
- No computer needed for data collection

Master Meter Models:

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

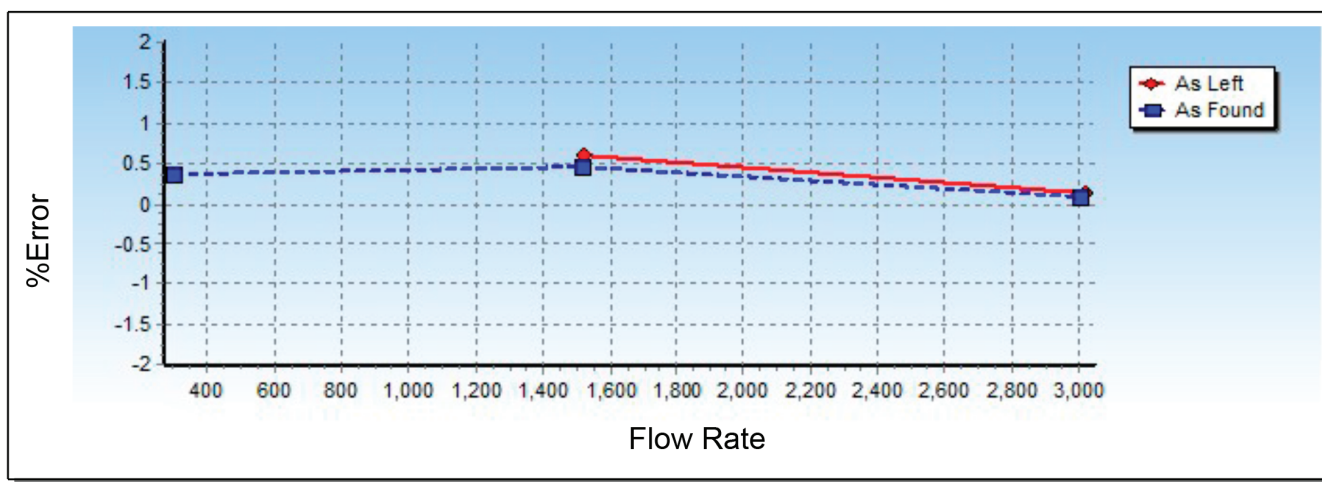
Blower Specifications:

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

Sample Output Report

Transfer Prover Report

Date of Proof	12/09/2012 09:15:52 AM
Operator Name	Meter Tech
Field Meter Type	5M
Field Meter Serial #	12345
Meter ID	54321
Meter Name	Eagle
Temp Comp Meter	No
Output Drive	10 CF/Rev
Master Meter Type	3MR
Master Meter S/N	7654321
Master Meter Location	Up Stream
Minimum Test Time	30



As Left Data

Flow Rate	Actual Test	%Error	%Accuracy	%Proof	Diff Pres	MM Temp	FM Temp	Pres Adj	Temp Adj	TCMeter Adj
3017.3740	30.0	0.1194	100.1194	99.8806	2.9853	73.5905	72.1756	-0.7463	0.2660	0.0000
1523.8365	20.0	0.5963	100.5963	99.4037	0.6965	73.3281	72.1713	-0.1741	0.2175	0.0000

As Found Data

Flow Rate	Actual Test	%Error	%Accuracy	%Proof	Diff Pres	MM Temp	FM Temp	Pres Adj	Temp Adj	TCMeter Adj
301.4378	10.0	0.3554	100.3554	99.6446	-0.0073	72.8615	71.5349	0.0018	0.2497	0.0000
1518.4318	20.0	0.4622	100.4622	99.5378	0.6977	73.3670	72.1313	-0.1744	0.2323	0.0000
2998.4844	30.0	0.0931	100.0931	99.9069	2.9836	73.3951	72.1672	-0.7459	0.2309	0.0000

