



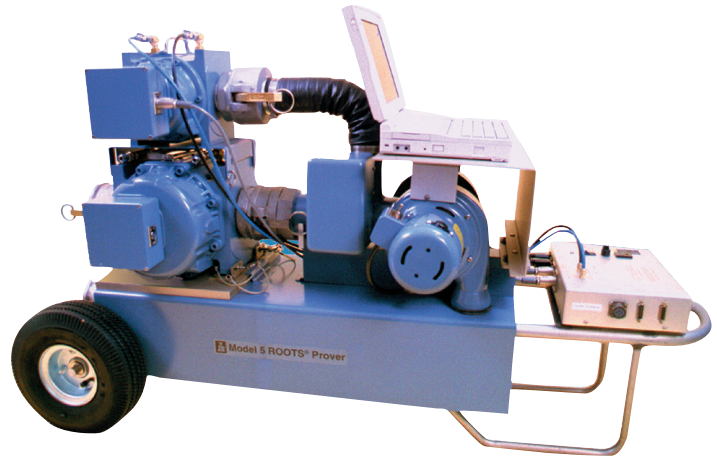
# Dresser\* Proving System

## Model 5 2M/10M

The Dresser Model 5 portable transfer prover is an integrated computer-controlled system for verification and testing of rotary, turbine and diaphragm gas meters.

The prover system consists of one or two Master Meter(s) for flow measurement reference, a Controller, and a Windows®-based Computer Software Package for calculations and presentation of the flow, pressure and temperature data and test results. The prover has provisions to test Dresser Meters equipped with integral IMC-W2 correctors.

A laptop or personal computer (not provided) is needed to run the prover software.

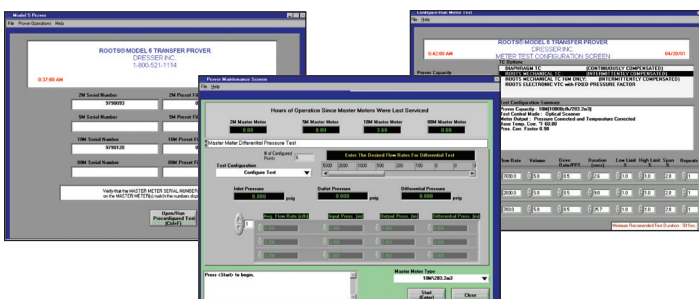


The Windows® Prover Software performs a number of functions, such as:

- Stores an unlimited number of predetermined meter test configurations.
- Performs all calculations at the end of each test run to determine field meter accuracy, and generate test reports.
- Verifies that all temperature and pressure transducers are properly connected and are yielding reasonable values.
- Provides a password protected set-up screen which guides the technician through calibration of the system.
- Includes extensive help screens in the prover software for operator assistance.

## Model 5 Prover Innovations

- Test flow rate is automatically controlled by varying blower speed and valve control.
- Automatic controls start and stop the test run.
- Computer software can be used on either a laptop or a desktop computer. It offers user-friendly menu prompts to guide the operator through each step of the field meter test procedure.
- Lower blower speed requirement reduces noise level.
- Prover software accepts input from a bar code reader.
- Network compatible for sharing data and printers.



## Specifications (excludes computer)

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	Blower	120 or 240 volts ± 15%, 48 to 62 hertz
	Electronics	120 or 240 volts ± 15%, 48 to 62 hertz
Blower Capacity	Single	0 to 7,200 ACFH at 10 inch differential 0 to 200 m <sup>3</sup> /h at 50 millibar differential
	Dual	0 to 14,400 ACFH at 10 inch differential 0 to 400 m <sup>3</sup> /h at 60 millibar differential
Compliance		Meets FCC Part-15 requirements NMI and NIST Traceable
Test Medium		Air
Test Flow Rate	10M Master Meter	100 to 10,000 ACFH 2.83 to 283 m <sup>3</sup> /h
	2M Master Meter	35 to 2,300 ACFH 1 to 65.1 m <sup>3</sup> /h
Inverter Capacity Required		2000 watts continuous
Net Weight	10M only	143 lbs
	2M/10M	173 lbs.
	Hose	50 lbs
Shipping Weight	10M only	258 lbs.
	2M/10M	288 lbs
Overall Prover Dimensions (l x w x h)		51" x 19.5" x 29.5"
Prover Shipping Dimensions (l x w x h)		54" x 24" x 32"
Minimum Computer System Requirements		<ul style="list-style-type: none"> <li>• RS232 port (USB to serial adapters) = 1 for prover. (Note: Smartprove interface for Microcorrectors will require additional RS232 connection)</li> <li>• Processor = Pentium 4/M or equivalent</li> <li>• RAM = 1 GB</li> <li>• Screen Resolution = 1024 x 768 pixels</li> <li>• Operating System = Windows XP Pro SP3 (32-bit) or Windows 7 Pro (32- and 64-bit)</li> <li>• Disk Space = 1 GB</li> <li>• CD Drive</li> <li>• Parallel port for printer operation</li> </ul>

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