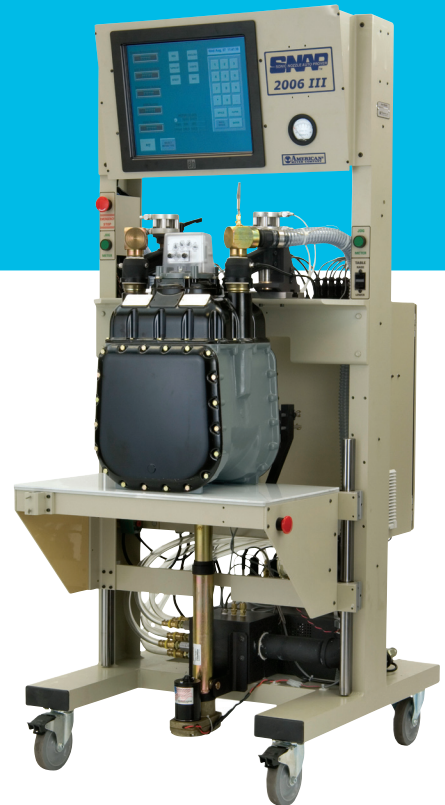


# SNAP<sup>®</sup> Sonic Nozzle Proving Systems Series III and Universal

The Elster American Meter SNAP Series III Prover is the most versatile sonic nozzle proving system available to the gas measurement industry.

## Advantages and Options

- Standard 6 sonic nozzles capable of delivering 1000 cfm – Nozzle sizes are 25, 35, 50, 125, 250, and 515 cfm. An optional seventh nozzle is available, increasing capacity to 1700 cfm.
- UNIVERSAL SNAP Provers use larger nozzle sizes of 1500, 2400, 3500, and 5500 cfm. These larger nozzles – combined with the SNAP III Prover standard nozzle array – provide 1023 possible test flow rates.
- THE TOTAL METER PROVING PACKAGE – a vacuum blower source (optional from Elster American Meter) provides flow to all nozzles. One pressure source (shop air) is required to control SNAP III Prover clamping operations and UNIVERSAL SNAP Prover valve control. The SNAP III Prover is a close-coupled test system and is designed for the gas meter shop environment. UNIVERSAL SNAPS include a large nozzle manifold married to the standard SNAP III Prover system.
- CONVENIENT SMALL METER TESTING – residential and light commercial diaphragm meters (150 to 1000 class meters) are tested on the SNAP III meter table, using the standard meter clamping connections. Diaphragm meters are tested using a patented-design magnetic sensor assembly. Meters can also be tested using a “Differential Pressure routine” or an optional optic index sensor assembly.
- LARGE METER TESTING CAPABILITIES – By simply re-connecting sense lines and meter volume register harnesses, UNIVERSAL SNAP Series III Provers can test larger diaphragm meters (AL-1400, AL-2300, and AL-5000 meters as examples), all class rotary meters to 11M, and small turbine meters. Larger distribution meters are proven in a similar manner to smaller meters on a standard SNAP III Prover (magnetically, using differential pressure, or optically).
- EASY OPERATOR INTERFACE – SNAP Series III and UNIVERSAL SNAP Provers use a flat panel, color touch screen monitor as the primary user interface. A USB mouse and keyboard are also provided with every SNAP.



This prover is designed to test practically every residential to large commercial distribution gas meter used by today's utilities.

The SNAP uses sonic nozzles as the gas measurement standard. Sonic nozzles are a proven means to rapidly test gas meters with the highest degree of accuracy available.



**elster**  
American Meter

- WINDOWS XP PROFESSIONAL – SNAP Series III and UNIVERSAL SNAP Provers use Windows XP Professional for the computer operating system. The operating system and support software provide the most accurate and efficient data collection and networking capabilities available for today's meter shop.
- EXTENSIVE REMOTE DIAGNOSTICS – All SNAP Series III and UNIVERSAL SNAPS come standard with "Remote Diagnostics". This feature allows Elster Meter Services Metrology engineers to monitor SNAPS from a remote location, accelerating technical support and minimizing prover downtime.

## Elster Meter Services Metrology

Installation and commission of new SNAP III and UNIVERSAL SNAP Provers are performed by experienced Elster Meter Services measurement engineers. SNAP Prover calibration, certification, and training are performed on-site. Future service contracts for maintaining accurate prover operations and calibrations over time are available through Elster American Meter and Elster Meter Services.

For ordering and specification information, please contact your regional Elster American Meter Sales Representative or Elster Meter Services Metrology Department at: 1-888-900-SNAP (1-888-900-7627).

## About Elster Group

A world leader in advanced metering infrastructure, integrated metering, and utilization solutions to the gas, electricity and water industries. Elster's metering and system solutions reflect over 170 years of knowledge and experience in measuring precious resources and energy.

Elster provides solutions and advanced technologies to help utilities more easily, efficiently and reliably obtain and use advanced metering intelligence to improve customer service, enhance operational efficiency, and increase revenues. Elster's AMI solutions enable utilities to cost-effectively generate, deliver, manage, and conserve the life-essential resources of gas, electricity, and water.

Elster has a staff of over 7,500 serving customers globally in North America, Central America, South America, Europe, Asia, Africa and the Middle East.

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EAM-TB6570.2-EN-P - November 2008  
Supersedes SB6570