



OMNI+ Verification (V²) Portable Test Water Meter

Boost Performance and Recover Revenue from Lost Water

Improve Meter Accuracy and Revenue

Mechanical water meters gradually wear and lose accuracy, preventing water systems from realizing full revenue potential. Large meters in commercial and industrial services often represent 40 to 60 percent of water revenue, so maintaining their performance is crucial to operations. The OMNI™+ Verification (V²) Portable Test Meter provides a fast and efficient solution to testing the accuracy and performance of large water meters.

Ensure Flow Rate and Measure Loss

Sensus OMNI+ V² test meters are an important part of any water system's maintenance operation. Piping and flow pattern irregularities can influence meter accuracy so in-line testing provides a truer indication of in-service accuracy. With OMNI+ V², you no longer have to take meters out of service to test them. The OMNI+ V² test meter provides accurate, systematic and timely testing, enabling optimum performance of your water distribution system. OMNI+ V² performs testing across low, medium and high flow ranges from 0.5 - 500 gpm.

FEATURES

- Proven floating ball technology
- Lightweight and portable design
- Single chamber and electronic register
- Rate of flow display
- 6 Point accuracy curve
- 180 days of hourly consumption data logging
- Simplified test procedures with Sensus Flow Verification Software

BENEFITS

- Identifies lost water revenue from inaccurate meters
- Simplifies large meter testing
- Reduces non-revenue water
- Lowers maintenance cost
- Provides versatility in test setup
- Compatible with most commercial and industrial meters

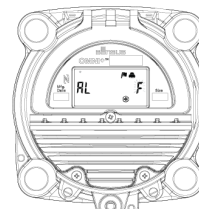
OMNI™+ Register Display



Segment Test View



Totalizer View



Notification View



Flow Rate View

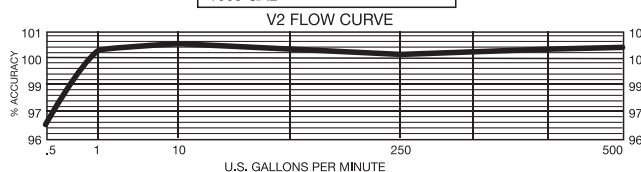
Certified Performance:

Each OMNI+ V² meter comes with a certificate of accuracy showing the meter's test date. All meters are traceable to NIST standards.

Serial Number: V2 Tester
TESTED: April 19, 2016

$$\frac{\text{METER VOLUME}}{\text{TESTER VOLUME}} \times \text{TESTER ACCURACY \% @ TESTED RATE (FROM FLOW CURVES)} = \text{TESTED METER ACCURACY \%}$$

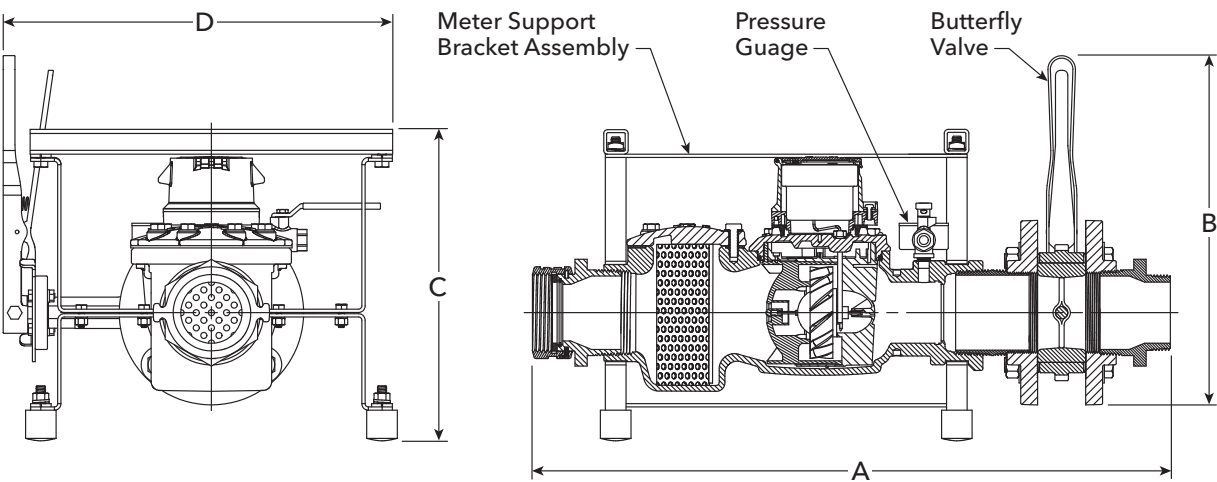
EXAMPLE: TAKEN @ 500 GPM
 $\frac{1010 \text{ GAL}}{1005 \text{ GAL}} \times 100.5 = 101.0\%$



SENSUS USA, INC. 1-800-METER-IT
NIST Traceable

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DIMENSIONS AND NET WEIGHTS

Meter and Pipe Size	A	B	C	D	Net Weight	Shipping Weight
3" DN (80mm)	26" (660mm)	14.3" (363mm)	15.7" (399mm)	16.1" (409mm)	49 lb (22.2 kg)	70 lb (31.8 kg)

SPECIFICATIONS

Service	Measurement of potable and reclaim water. IP68 Rated. Storage temperature: -22 °F (-30 °C) to 155 °F (68.3 °C)		Operating temperatures: Air: -22 °F (-30 °C) to 150 °F (65.6 °C) Water: 33 °F (0.6 °C) to 80 °F (26.7 °C)	
Operating Range (100% ± 1.5%)	0.5 – 500 GPM (0.11 - 114 m³/hr)			
Maximum Operating Pressure	150 PSI (10.3 bar)			
Hose Couplings	2-1/2" – 7-1/2" NST Threads (78P – 3.4mm) (National Standard Fire Hose Coupling thread)			
Register	Fully electronic sealed register with programmable registration (Gal. /Cu.Ft./ Cu. Mtr. / Imp. Gal. / Acre Ft.) Programmable AMR/AMI reading Guaranteed 10-year battery life			
Materials	Maincase: Measuring Chamber: Rotor "Floating Ball": Radial Bearings:	Cast Aluminum Thermoplastic Thermoplastic Hybrid Thermoplastic	Thrust Bearings: Magnets: Strainer Screen: Strainer Cover:	Sapphire/Ceramic Jewel Ceramic Stainless Steel Cast Aluminum
Accessory Kit	Two (2) 25' sections of 2.5" Fire Hose Spanner Wrench Test Nipples (1", 1.5" and 2.0") Fire Hose Adaptor			



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