



## Intelligent technology for accurate performance.

The most dependable, cost-effective piston fuel meter on the market today, Dresser Wayne's iMeter provides both accuracy and unmatched reliability. It's a standard offering in all our dispensers, designed to help lower costs while improving performance.

# iMeter fuel meter: Intelligent technology for accurate performance.

## Accurate, reliable performance

The iMeter's innovative duplex design and advanced hydraulics improve flow rate, accuracy, environmental containment and calibration. In fact, the iMeter can be calibrated electronically in only one easy step!

Double-bump connections create a leak-free seal, while the reliable solenoid valve ensures accurate fuel blending.

- Improved flow rate and accuracy.
- Easy one-step electronic calibration.
- Leak-free double-bump connections.

## Tamper-proof design protects you and your customers

The integrated intelligent pulser uses state of the art magnetic sensing technology to deliver much better resolution than in competing models. It also provides enhanced security against tampering and fraud thanks to a unique, non-erasable serial number stored in non-volatile memory and high-speed serial communication with Dresser Wayne's global iGEM dispenser electronics module. Discrepancy between the pulser and iGEM, will leave the pump inoperative.

The previous calibration is also stored locally at the meter, giving you an accurate electronic archive of totalizer statistics. The intrinsically safe circuitry and the use of effectively two pulsers in one housing provide a compact integration to maximize uptime.

- Intelligent pulser provides much better resolution.
- Integrated fraud-proof security measures prevent tampering.
- Accurately store totalizer statistics and calibration values at the meter.

## Maintenance made easy

Sometimes simpler is better. The iMeter utilizes fewer parts to help ensure more reliable performance by reducing potential points of failure. The internal surface is also covered with a special hard coating to protect the meter from potentially abrasive alternative fuels.

The design also makes maintenance access easy, requiring no special tools. You can even easily inspect the re-usable strainer at the meter inlet.

- Fewer parts reduce possible points of failure.
- Special internal coating allows use of alternative fuels.
- Easy maintenance access requires no special tools.

For more information on the iMeter, please visit [www.dresserwayne.com](http://www.dresserwayne.com) or contact your Dresser Wayne sales representative.

