Xflo Meter FAQ

Why change the industry's leading meter technology after years of successful use?
Although Dresser Wayne's iMeter has long been recognized as one of the most accurate meters in the industry, the company's philosophy has always been to stay at the cutting edge of technological innovation in order to provide maximum value to its customers. The Xflo Meter offers significant, tangible benefits for fuel retailers: the virtual elimination of meter drift and its resulting fuel loss as well as a higher flow rate.

Is the Xflo Meter really more accurate than traditional meters?
Yes. Traditional positive displacement meters have served the industry well and will continue to do so in the future. But the Xflo Meter addresses a performance issue inherent to all such legacy meter technology by reducing the amount of contact (and subsequent friction-caused wear) between sealing surfaces. The high precision spindle design ensures minimal contact between the flutes, allowing the Xflo Meter to measure literally millions of gallons or litres of fuel without appreciable drift.

How does this new design affect flow rate?
Spindle-type meters require less pressure to move a given volume of fluid through the device than a comparable piston design. This fact, combined with a more direct flow path and a higher capacity filter, results in the most efficient fluid pathway ever designed for a Dresser Wayne dispenser. The end result? Measurably higher flow rates that speed the fueling process and increase customer throughput.

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How does the calibration work?
Although calibration will likely be unnecessary under normal usage conditions, the Xflo Meter utilizes the same simple, single-step process as Dresser Wayne's iMeter. The only difference between calibrating the iMeter and the Xflo Meter is that a calibration number unique to each Xflo Meter (recorded on the side of the unit) must be entered electronically so it can be stored for reference to the individual meter.

Is the Xflo Meter compatible with alternative fuels?
Yes. The Xflo Meter's design is well suited for use with a variety of alternative fuels. The core elements of the meter assembly — cast iron housing and hardened steel spindles — are inherently compatible with ethanol and bio-diesel fuels. In fact, Dresser Wayne plans to use the Xflo Meter as the future metering platform for its alternative fuels product line.

How do you physically seal the Xflo Meter?
Each calibration door on the XWIP is sealed just like the doors on the iMeter. A seal wire passes through an opening in the door and through a flange on the meter assembly, which can then be sealed by an authorized representative.

Will all Dresser Wayne dispensers be supplied with Xflo Meters as standard equipment?
No. Most dispenser models continue to feature Dresser Wayne's iMeter as standard equipment. The Xflo Meter is an optional upgrade to Dresser Wayne's Ovation dispenser and its EU-built Global Star dispenser (the EU-built Global Ovation dispenser can only be equipped with the Xflo Meter). Dresser Wayne is also exploring the possibility of integrating the Xflo Meter into its popular Vista dispenser line and other products.

How do I know that this meter is more accurate?
In both extensive laboratory and field tests, the Xflo Meter has performed exceptionally well, measuring millions of gallons / litres of fuel without appreciable meter drift. For independent validation, Dresser Wayne engaged a third party industry expert to review the design; the findings confirmed the new meter's improved accuracy. The Xflo Meter is, quite simply, the most stable meter ever developed.

Are the flow control valves affected by this design?
No, the Xflo Meter uses the same proportional flow control valves as the iMeter.

Will single-sided units be available with the Xflo Meter?
At this time, Dresser Wayne does not plan to develop single-sided models with the Xflo Meter because of low market demand.

What other options are available with the Xflo Meter?
Dresser Wayne plans to offer a suction option for meters installed in the Ovation dispenser.