

Gilbarco Global Dispensers with HD Meters

THE PROOF IS IN THE PERFORMANCE

The Gilbarco Veeder-Root HD Meter is made for real-world forecourts that dispense a variety of fuels consumers demand. Its high-performance design handles abrasive fuels better than any other meter—delivering long-lasting accuracy and reducing the need for costly, ongoing maintenance.

With accuracy that cuts drift by 50% and longevity twice that of traditional piston meters, the HD Meter delivers precision that pays over time—allowing you to keep more of your fuel and money. The HD Meter has set new benchmarks for performance by delivering long-lasting accuracy, durability and longevity. Get a handle on drift, and see your savings in HD.



HD METER HIGHLIGHTS

LASTS TWICE AS LONG AS TRADITIONAL METERS:

- Positive stops on the pistons and reinforced end covers provide long-lasting performance by preventing over-delivery.
- Due to optimal sealing and improved fuel flatness, your meter performance does not change as rapidly over time.

RESETS INDUSTRY STANDARDS:

- An independent group performed fuel mixture field studies around the world.
- Better understanding of concentration and size of particulates by fuel type including abrasive fuel paths created by clean fuels like ethanol and ultra-low sulphur diesel.
- Insights used to build the most advanced, high performance piston meter on the market.

EASY TO INSTALL:

- A direct replacement for the Gilbarco Veeder-Root C+ Meter.

REDUCED CALIBRATION FREQUENCY:

- New valve seat and improved shaft-to-valve engagement.
- Allows for quick recovery from abrasive contaminants.
- Creates less than 0.5% error when operating under low-flow conditions in standard fuels.
- Self-lapping characteristics help the meter recover from damage caused by small particles.

DELIVERS 50% LESS DRIFT:

- Stroke control from positive stops on the piston and end cover – eliminates fuel over-delivery and reduces calibrations.
- Gives away less fuel over time and saves thousands in profit – a 50% reduction in drift over standard meters.

STANDS UP TO ANY TYPE OF FUEL CONTAMINATION:

- Technologically advanced graphite deck plate and hard-coated aluminum rotary valve is 100% stronger.
- Reduces the effects of wear and abrasion for more resistance to chemical, biological and physical contamination; the best opportunity to fight primary sources of meter variation in the most aggressive fuel quality environments.
- A premium elastomeric blend of sealing material makes it alternative fuel ready.

LOWERS TOTAL COST OF OWNERSHIP:

- HD Meters are built to last so replacement is infrequent compared to standard meters.
- The combination of more durable materials, which also prevent breakage, and sustained instrument accuracy help to better manage your wetstock and keep costs down.

HD METER AT A GLANCE

The HD Meter offers exceptional low drift performance, improved end cover sealing and ethanol-gasoline fuel blend compatibility up to 25% ethanol (E25). Low drift is achieved through the use of piston stops to control and maintain a consistent, repeatable piston stroke over the life of the product. Lab testing under controlled conditions, with the recommended fuel filtration, indicates up to 3x's the reduction in accuracy drift compared to a standard piston meter.

FEATURES

- Molded seals have been upgraded to be compatible with new E25 requirements.
- Offers higher fuel resistance than a cork-rubber gasket.
- Piston stops reduce meter accuracy drift that is due to stroke change.
- Direct replacement for the common C+ Meter.

REGIONS AVAILABLE

- The HD Meter is available as an option in dispensers and is an upgradable replacement for C+ in LAM, NAM, MENA, SEA and China.

DISPENSER FAMILY

- The HD Meter is configurable in the following dispenser families: Encore, Frontier, SK700, Prime, Horizon, China Advantage and China Endeavor.

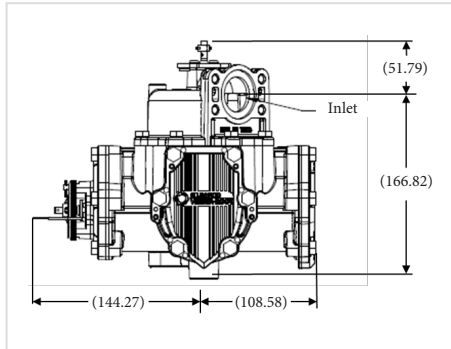
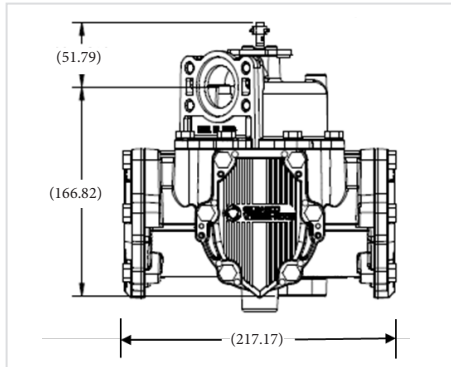
HD METER SPECIFICATIONS

Flowrate, Lpm:	85	Petrol with MTBE, Vol% Max: 15%
Fuel Temperature Range:	-30 °C to +55 °C	Certifications:
Ambient Temp Range:	-30 °C to +55 °C	· UL
Pressure, Bar:	3.45	· CUL
Methanol, Vol% Max:	5%	· ATEX
Ethanol, Vol% Max:	25%	· OIML and MID

*The HD Meter is OIML R117/118 approved and is registered as Gilbarco V+ Meter.

For more information, contact:

ELECTRONIC CALIBRATION



MECHANICAL CALIBRATION

The HD Meter™ has a similar piston technology as the V Meter and C+ Meter. However, the HD Meter offers more accuracy over time versus the typical performance of piston meters.

The HD Meter is made for world markets with variable fuel quality containing aggressive contaminants.

The HD Meter has more rugged components allowing for reduced drift, a lower frequency of calibration, and long life in the dispenser. The components are more wear resistant and more resistant to chemical and physical contaminants.



PART NUMBERS | CALIBRATION

T19976 V10S HD Meter™	Electronic
T19976 V12S HD Meter™	Mechanical