

Game Changer for Propane Marketers

PRODIGI

Ultrasonic Smart Gas Meter

- Remote monitoring with either cellular LTE or LoRa meter options
 - Provides a familiar customer interface similar to other utilities
 - Optimize efficient deliveries
 - Adds control to overall storage efficiency
 - Ability to shut off service remotely
- Accuracy & Durability**

The Prodigy Ultrasonic Gas Meter uses a static measurement technology that does not include any moving mechanical components that wear out over time.

The Prodigy features: minimum pressure loss | high level of accuracy



99F3900023 Cellular LTE version
99F3900024 LoRa version

Ultrasonic Flow Sensor

The Prodigy uses an innovative high-performance ultrasonic sensor by Panasonic designed to accurately measure propane volume.

Step-motor Valve

The Prodigy's step-motor valve by Panasonic allows the flow of gas to be **shut off remotely**. The step-motor valve is located after the gas inlet. Being able to remotely shut off the valve eliminates the need to physically send a service technician to manually shut off gas flow. With this valve, you can close the gas flow of a specific meter remotely and avoid entering the property of the end user.

Ultrasonic Gas Meter



Local user interface

- 1 LCD Display with volume displayed in cubic feet or meters with 3 decimals and specific icons. (list available upon request)
- 2 2 capacitive buttons for navigation through recorded values.
Right Button: passing through screens
Left Button: to activate specific functions

Smart Meter Accessories



20LT-3/4 - 20LT Meter connector tailpiece,
3/4" MPT straight, non-insulated



20LT-Nut - 20LT Meter swivel nut, black
* Use with 20LT-3/4" tailpiece





Ultrasonic Smart Gas Meter

Communication

The Prodigimeter measures gas flow and communicates the data to you, allowing you to provide and deliver a reliable quality product efficiently and accurately, and maximize resources.

How does it work?

- 1 Gas Measurement: The gas flow is measured as it passes through the ultrasonic sensor.
-) Values transcription: The measured values are encrypted and decrypted by standard communication protocol
- 2 through Device Language Message Specification.
-) Data transmission: The measurement signals are then stored until the Prodigimeter communicates the values to OTUS,
- 3 (Cavagna Group's asset management platform), using LoRaWAN, NB-IoT or LTE Communication. This data
-) transmission happens electronically without the need of someone physically reading the meter.



OTUS acts as a collection center for all of the information that Prodigimeter is able to acquire and transmit in encrypted form.

'OTUS' it is a cloud based platform that:

- collects historical data of gas consumption and creates personalized reports
- downloads the historical data with .pdf and .csv files
- remotely closes the shut off valve
- places the device in your map
- analyzes historical consumption trends



Jim Schwartzfisher Telemetry Unit Manager
Cell 616.644.2766 | jim.schwartzfisher@bergquistinc.com
800.537.7518 ext. 1202 | bergquistinc.com
Your questions answered by the people who know propane equipment.