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 Prodigi Ultrasonic Gas Meter uses a static measurement technology that does not include any moving mechanical components that wear out over time.
The Prodigi features: minimum pressure loss | high level of accuracy

99F3900023   Cellular LTE version
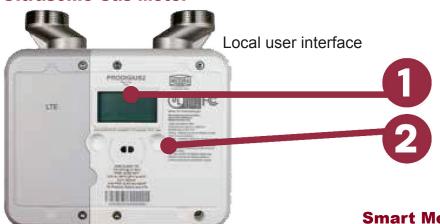99F3900024   LoRa version

Ultrasonic Flow Sensor

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

Step-motor Valve

The Prodigi'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

Bergquist

PRODIGI
Ultrasonic Smart Gas Meter

Communication

The Prodigi 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.
2) Values transcription: The measured values are encrypted and decrypted by standard communication protocol through Device Language Message Specification.
3) Data transmission: The measurement signals are then stored until the Prodigi communicates the values to OTUS, (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
The Cavagna Group Digital Platform

OTUS acts as a collection center for all of the information that Prodigi 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 shutoff valve
- places the device in your map
- analyzes historical consumption trends