



PGS INTERNATIONAL
Solutions™

Fiscal Metering Systems



One-Stop Solution

PGS metering system modules are based on the experience and quality of PGS brand.

PGS system modules have been designed to fulfill internal and logistical requirements and to comply with all Weights & Measures requirements.

These systems are designed for the international Market including the European Market that require regulations such as the Pressure Equipment Directive 97/23/EC (PED), the Directive 94/9/EC for Equipment and Protective Systems intended for use in potentially explosive atmospheres (ATEX), national Weights & Measures directives.



Benefits

- Designed for pipelines and the terminals import and export of high volume products.
- Skid mounted design with optimized footprint
- Support of single and multiple meter runs.
- Line size ranges from 2" to 16".
- Online quality control with real time density measurement and product sampling systems.
- Options for individual configurations such as product markers or gas extractor (VDR).
- Support for proving systems with integrated connections.
- Cost savings through factory assembly and easy to install design.
- Full factory flow and functionality testing providing fault-free start up.
- ISO certified production.



Core Components

Proving section

Double block and bleed (DBB) valve and prover take-off ports.

Meters (PD Meters, Turbine Meters, Coriolis Meters, Ultrasonic Meters)

Depending on the application, picking up the right metering technology is critical. PGS can assist for the meter selection, and supply:

Single / Double Case PD Meters. Alternative Turbine Meters / Coriolis Meters / Ultrasonic Meters can be supplied to meet specific requirements.

Valves and instruments

Isolation valves, thermal pressure relief valve, flow control valve and temperature and pressure monitoring.

Microprocessor flow Computer

Low maintenance flow computers, offering user's configurable inputs-outputs and automatic temperature and pressure compensation/density correction capabilities.

Strainer / Air release

In-line strainers / air eliminators are located at the highest elevation in the system, where gases breakout, to protect the metering system against dirt / other contaminants / air introduced by hoses.

Why PGS Skids ?

• A perfect design on the basis of large range of flow Meters as well as production processes that are entirely controlled, from the first concept to the on-schedule turnkey delivery to the customer.

• Complete functional tests on typical operating conditions conducted at our in-house testing facilities where the results can be validated by the local organizations of Weights & Measures regulations.

• Consultancy and outstanding customer service through our engineering and field team. Our expertise coupled with reliable services makes Petrogas the preferred business partner for multiple customers and end-users.



Optional Equipements

- Integrated SCADA System for remote monitoring and control.
- Prover Skid.
- Density measurement.
- Automating Sampling System.

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