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PGS INTERNATIONAL
Solutions™ | Calibration Tank

www.pgsintl.com



One-Stop Solution

PGS Tank Prover is the product of decades of research & development and engineering expertise, which offers the best cost-effective solution for meter proving to the widest market possible. It is manufactured according to the International Recommendation R120 OIML.

PGS Tank Prover is used for fast and accurate calibration of a wide range of flow measurement technologies and systems.

Applications range from load rack, crude & refined products pipelines and marine terminals to offshore platforms and FPSOs. Wherever meter verification is fundamental in reducing measurement variations, the PGS Tank Prover is the way to go.

Calibration is the science of determining the exact true volume of a containment system corresponding to a certain measurement value. It is key to obtaining accurate measurements of quantity.

Without accurate calibration tables, even the best gauging systems and the most accurate manual measurements are of little value.

With PGS as your calibration partner, you can be sure of the highest degree of measurement accuracy, helping you maintain client confidence and preventing costly errors.



Applications

Calibration of:

- Master meters.
- Field-mounted liquid flow meters.
- Top loading systems.
- Bottom loading / offloading systems.
- Metering skids.

Specifications

- Type: Open volumetric Prover.
- Capacity: Up to 5000 L and more on demand.
- Gauge Glass Resolution: $\pm 0.1\%$ of tank capacity.
- Displacement Tube Volume: $\pm 0.5\%$ of tank capacity.
- Main equipment: Temperature indicators, flow indicator, coupling, overfill sensors, valves.
- Trolley: Skid-type mounted on wheels with brakes.

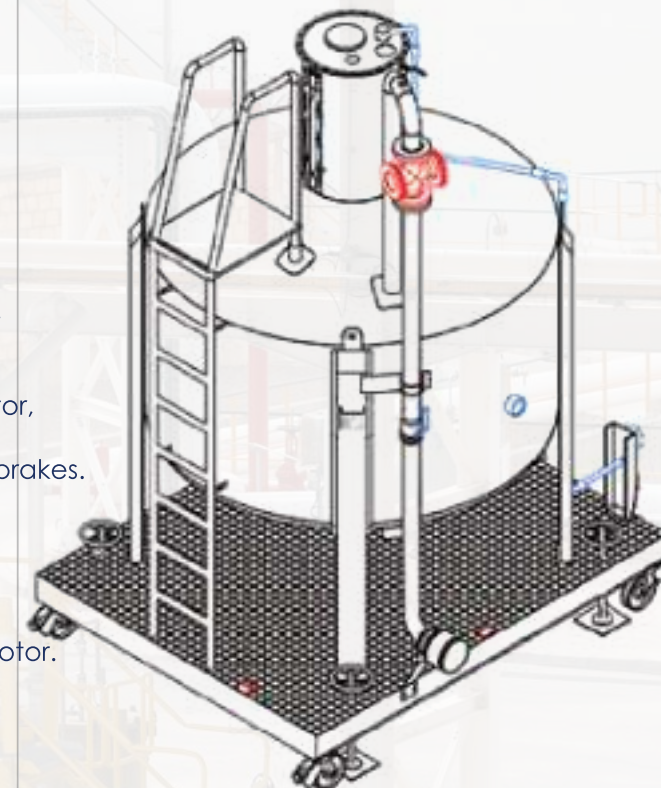
Optional Accessories

- Coupler: Protective Cover.
- Unloading Pump & Motor: Centrifugal pump with flame-proof motor.

- Body: Carbon Steel - Stainless Steel.
- Displacement Tube: Carbon steel (zinc plated) - Stainless steel.
- Graduated Glass: Borosil glass.
- Thermo wells: Carbon steel - Stainless steel.
- Structural Members: Carbon steel.

Benefits

- Horizontal and Vertical Land Tanks Calibration.
- Custody Transfer Systems (CTS).
- Ship & Barge Tank Volume Calculations Benefits.
- Autonomy, Skid mounted, mobile.
- Custom-made, versatile (Top/Bottom).
- Homologation, Certification.
- Overfill Protection.
- API RP 1004 Open Standard.
- Easy transport on trucks/ships with special pallets.
- Quick connections for easy drainage.
- Fall protection safety features.



PGS Services

- Operating manpower.
- Maintenance.
- Training.
- Shipping assistance.
- Commissioning and startup.
- Operating manuals.