

CALIBEX



3D Laser Tank Calibration

CalibeX® utilizes 3D Laser technology to perform calibration measurements on cylindrical-horizontal fuel tanks. Once the measurement is taken, a calibration table (also known as a strapping table) is generated. This table is used for wet stock management, ensuring accuracy in sales and automation processes. CalibeX® streamlines the calibration process, allowing for completion in just 30 minutes and providing a more precise calibration table than any other available method.

Benefits of Calibex®

- ▶ Improves accuracy of ATG output
- ▶ Ability to work with and determine inclination of tank
- ▶ Reliable and safe (ATEX certified)
- ▶ Measures internal diameter, size and height of tanks
- ▶ No need of external power supply
- ▶ Suitable for most aboveground and underground tanks
- ▶ Tank calibration is done in 30 min.
- ▶ Emptying or filling up the tank is not required
- ▶ Provides minimum downtime at the service stations
- ▶ Creates highly accurate tables compared to other systems

Specifications

- ▶ Calibration in 30 min
- ▶ Easy to install and use, highly mobile (75x15x15cm)
- ▶ Suitable for most horizontal-cylindrical tanks
- ▶ 10 m measurement range
- ▶ 230 Vac power supply
- ▶ 2" min. entry hole
- ▶ Mobile CalibeX set (100x40x40 cm)
- ▶ 6kg product weight
- ▶ IP 54 protection
- ▶ ATEX approved Laser Technology
- ▶ Meets all Environmental, Safety and Health (EHS) criteria
- ▶ $\pm 0,5\%$ accuracy in volume calculation (by VSL Dutch Metrology Institute and NMI evaluation results)
- ▶ $\pm 0,1^\circ$ accuracy in inclination measurement (by VSL Dutch Metrology Institute and NMI evaluation results)
- ▶ $\pm 0,1\%$ overall accuracy