

Pneumatic Tank Contents Gauge UNITOP

The value-for-money solution for an accurate level measurement with remote indication.



- *No external power requirement*
- *Remote indication up to 50 m possible*
- *High measurement accuracy*
- *Integrated over-pressure device*
- *Movement fixing separate from housing to provide stable zero point*
- *Functional dial with dual scale for rectangular and cylindrical tanks*
- *Consumption control with date indication*
- *Zero correction possible*
- *Sturdy brass connector for safe and airtight connection of the measurement line*
- *Available for use with heating oil, diesel, rainwater and urea solution (AdBlue®)*

Application

For continuous tank contents indication in vessels containing heating oil, diesel fuel and rainwater.

For tank heights from 700 to 4,000 mm (depending on model). Suitable for remote indication up to 50 m.

Description

Universal, pneumatic tank contents gauge with capsule type mechanism. Tank height is fully adjustable. Measuring accuracy: ± 2 % of FSD. A dual scale makes checking of contents in rectangular and cylindrical tanks easy. The indication is % volume and is therefore in its basic version independent of the tank shape. Housing manufactured from impact resistant plastic, for wall mounting. With front access to zero correction, reference pointer and date indication for simple consumption control; also equipped with an integrated overpressure device. The mechanism support bracket, from highly stable plastic, is separate from the housing base and thereby guarantees a stable zero point and a high measurement accuracy. Sturdy brass connector with pressure screw for pipe or tubing (\varnothing 6 mm) ensures airtight installation of the measurement line. A vent screw, which is integrated in the connector, enables the checking of the pointer's zero adjustment.

Technical specifications

Medium

- Heating oil or diesel, specific gravity = 0,84 g/cm³ (UNITOP 1200, 3000, 4000)
- Water, specific gravity = 1 g/cm³ (UNITOP 2500)
- Urea solution, specific gravity = 1,09 g/cm³ (UNITOP-Set for AdBlue®)

Measuring range (Tank height)

- 0/700 to 0/1,200 mm (UNITOP 1200)
- 0/700 to 0/2,300 mm (UNITOP for AdBlue®)
- 0/900 to 0/2,500 mm (UNITOP 2500)
- 0/900 to 0/3,000 mm (UNITOP 3000)
- 0/3000 to 0/4,000 mm (UNITOP 4000)

Accuracy

± 2 % of full scale value

Operating temperature range

Medium: 0 °C/+35 °C
 Ambient: -5 °C/+55 °C
 Storage: -5 °C/+55 °C

Dial scaling

Single scale 0 to 100 % (Unitop for AdBlue®)
 Dual scale 0 to 100 % (Unitop 1200, 2500, 3000, 4000)

Indication values

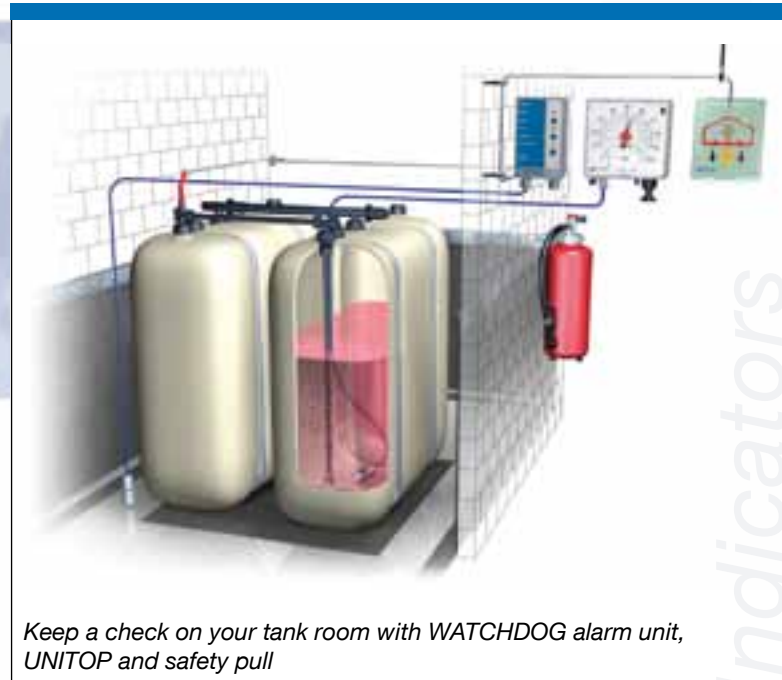
Indication in % liquid height

Housing

Wall mounting housing from impact resistant plastic with integrated hand pump
 W x H x D: 155 x 166 x 73 mm

Optional extras

- Additional slide-in scales in Litres for all DIN-Tanks and many special tanks available
- Universal mounting kit Pneumofix
- Montagefix extension set for extending the capillary measuring line



Keep a check on your tank room with WATCHDOG alarm unit, UNITOP and safety pull

Type	Pt.-No.
UNITOP 3000	28000
UNITOP 1200	28100
UNITOP 4000	28200
UNITOP 2500 for water	28002
Mounting kit Pneumofix	20153
UNITOP-Set AdBlue® complete with special mounting kit	28040

Your specialist distributor