

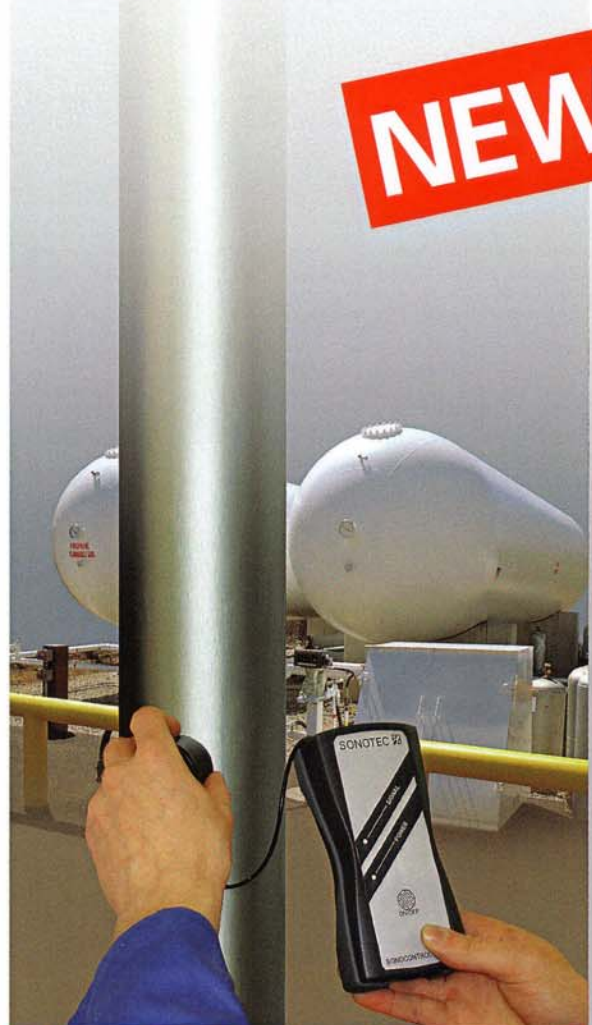
MOBILE LEVEL- CONTROL

AT PIPES,
BOTTLES AND
SMALL VESSELS

*non-contact
easy
versatile*

WITH ULTRASOUND

NEW!



SONOCONTROL mobil
Ultrasonic detector

SONOTEC 

*hygienic
safety
reasonably price*

SONOCONTROL *mobil* Ultrasonic detector

MOBILE LEVEL CONTROL AT VESSELS, PIPES AND BOTTLES

- With the new SONOCONTROL *mobil* it is possible to recognize the filling level of vessels, pipes or bottles easy and fast. The uncomplicated of the content of a container is especially for controls, revisions and stocktaking very useful.
- Because of the sensory scanning of a nontransparent vessel from the outside, the liquid level and the existing volume of the filling are shortly identified.
- The sensor differentiate reliable between liquids and air/gas.
- The filling of the vessel with liquids or liquid gases causes visual and audible indications.
- The new method is useful for level control at vertical cylinder tanks and horizontal tanks, which are at least half filled. The SONOCONTROL *mobil* is applicably at cubical tanks, which are filled with water like (low viscosity) liquids and liquefied gases.



Fig. 1-3 level control at vessels, bottles and pipes

Fig. 4-6 level control at vessels with liquid gas, pharmaceutical vessels and pipes

Fig. 7-9 control im chemistry and at mobile vessels

The Advantages

- Harmless, radiate free control.
- No process interruption required for the control (no opening of the plant, no removal of the bottles).
- For pressurised vessels applicably.
- Very short control time.
- No wear and tear at the sensor.

Application Example

- Control for the full recognition at pipes and vessels with diameters more than 200 mm.
- Controls of bottles, filled with fire extinguisher mediums (excluding CO₂).
- Detection of the filling level at container, filled with aggressive fluid chemicals or diesel/fuel oil.
- Control at coolant tanks.

Order Codes:

Code	Description
200 01 0108	SONOCONTROL <i>mobil</i> mobil level control for liquids in pipes, bottles and vessels
	Sensor for vessels with different sizes and for liquids with different noise reductions

Technical Data

Type of instrument	liquid level control device for small vessels, containers, bottles and pipes for the recognition of liquids and liquid gases
Delivery contents	sensor for different vessels and liquids, interpretation device, connection cable (1m), coupling medium, transport box, instruction manual
Measuring principle	ultrasound through the wall of the pipe, no contact with the liquid
Mounting of the sensor	with enclosed coupling medium
Material of the vessel and outer diameter	steel, stainless steel, plastic, outside metallic polished or lacquer, 200 to 1000 mm
Liquids	water und water like liquids, liquid gases
Temperature range	vessel temperature: -20°C ... 80°C ambient temperature: -20°C ... 50°C storage temperature: -20°C ... 60°C
Power supply	9 Volt battery
Signaller	LED (control status and undervoltage indication) and acoustic signal
Connections	sensor plug connection M12 at the sensor, fixed cable at the interpretation device
Protection	IP67 (sensor) / IP 54 (interpretation device)
Operating elements	ON-/OFF-button
Housing	sensor: gummed metal interpretation device: plastic
Maintenance	Maintenance free

SONOTEC

certified with
DIN EN ISO 9001:2000 TÜV Cert

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