

SONOCHECK ALD | DRIP CHAMBER SENSOR

Clamp-on Sensor for Level Detection at Drip Chambers

PRODUCT BENEFITS

Non-invasive
measurement at
drip chambers

No false alarm for
foam

Single and dual
channel

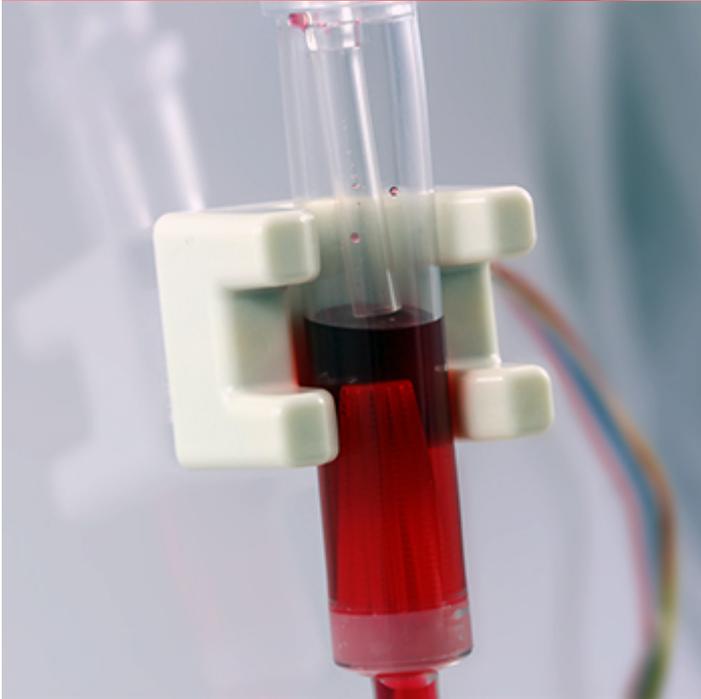
Suitable for every
drip chamber

No wear and tear

Built-in electronics,
no external
electronic board
required

Compliant with
safety standard
IEC 60601-1

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SONOCHECK ALD | INTELLIGENT DRIP CHAMBER SENSOR FOR LEVEL DETECTION

The contactless drip chamber sensor SONOCHECK ALD monitors the liquid level in infusion therapy, dialysis or parenteral nutrition. Small foamy bubbles are ignored by the clamp-on sensor.

TWO CONFIGURATIONS FOR MANIFOLD SPECIFICATIONS

There are two configurations of the ultrasonic sensor available:

The SONOCHECK ALD01 is a single-channel sensor with one measuring point which monitors reliably a specified liquid level.

The two-channel SONOCHECK ALD02 detects levels that vary between a minimum and a maximum value.

Both versions can be adapted customer-specific and reliably meet the safety requirements of the international standard IEC 60601-1 for medical electrical devices.

USER-FRIENDLY DRIP CHAMBER SENSOR

Design and dimensions of the sensors depend, inter alia, on the diameter and material of the drip chamber used. By adapting the sensors a high degree of usability is maintained. On request, the ultrasonic sensor can be equipped with an easy closing lid which ensures a secure hold of the drip chamber. The electronics are integrated into the compact non-invasive sensor. Certified according to ISO 13485 we support you with the documentation necessary for the approval of medical devices on request.

Technical Data

MEASUREMENT PRINCIPLE	Ultrasound
DRIP CHAMBER	Outer diameter: to be defined Material: Plastics
RESPONSE TIME	50 ms
POWER SUPPLY	+5 ± 0,5 VDC ≤ 40 mA
OPERATING TEMPERATURE	5 to 60 °C
INTERFACES	TTL Serial PWM
STANDARDS	Safety requirements: IEC 60601-1 EMC: IEC 60601-1-2 Biological compatibility: DIN EN 61157

Downloads

Type	Title	Size
	Flyer SONOCHECK Sensors	650 KB

APPLICATIONS

Infusion
Dialysis
Parenteral nutrition
Pharmaceutical industry

WORLDWIDE



Do you have any questions?

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