To monitor fluids in flexible tubes plays an important role in a large number of applications with highest sterility and hygiene requirements. High-precision sensors are thus key components in medical technology and are applied to processes in the biotechnology, pharmaceutical and the semiconductor industry, among others. The sensors are used for measuring, monitoring and controlling flow velocities, flow rates and dosing processes, but also for detecting air bubbles and foam in liquid-filled tubings, or as full/empty detectors.

Level monitoring in drip chambers and medical home applications as well as the detection of blood leaks in dialysis machines are further application areas.

Ultrasonic level sensors are designed to be applied in a wide range of industrial processes enabling level measurement of liquids and a continuous detection of filling & limit levels in
rigid lines as well as at vessels and containers of different sizes and geometries.

DETAILED INFORMATION

Flow Rate Measurement
...non-invasive flow rate measurement of liquids with SONOFLOW sensors

Air Bubble Detection
...contactless detection of air bubbles with sensors of the SONOCHECK series

Flow-Bubble Measurement
...combining highly-accurate flow measurement with bubble detection

Level Detection
...non-invasive level monitoring of liquids in medtech and industrial applications
Blood Leak Detection
...detect smallest amounts of blood in clear liquids with the blood leak detector BLD

APPLICATION NOTES & WHITE PAPER

Biotechnology | Life Sciences

Medical Technology

WORLDWIDE

Do you have any questions?

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NEWS:

16.10.2019
SONOFLOW CO.56 Pro – The Evolution in Combined FlowBubble Measurement for Medical Devices exclusively presented at COMPAMED 2019

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