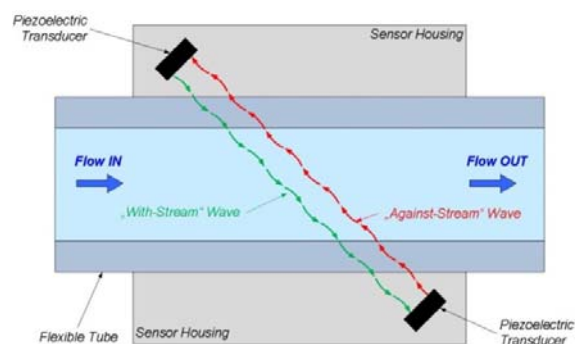


Press Release: **New LEVIFLOW® Flow Sensor Series for Single-Use Applications from LEVITRONIX®**

LEVITRONIX® is proud to announce that the new **LEVIFLOW® Clamp-On Sensor Series LFSC-D for Single-Use Flexible Tubing** and the new **LEVIFLOW® Inline Single-Use Flow Sensor Series LFS-SU for High Accuracy Applications** are now available to the market. With the new product line, LEVITRONIX® offers a highly flexible non-invasive ultrasonic sensor product line for accurate but also cost effective flow measurement to enable controlled fluid management in bio-processing.

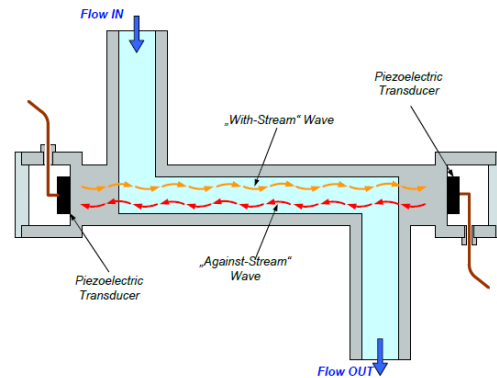
The flow measurement is non-invasive, without any moving parts. Two piezoelectric transducers, mounted in the sensor housing, generate and receive an ultrasonic wave. The wave going in direction of the flow (with-stream wave) is accelerated and the wave going against the flow direction (against-stream wave) is slowed down. The two waves are processed by a signal converter. The difference of the transit time of both waves is proportional to the velocity of the fluid. The standard configuration of the LEVIFLOW® flowmeters consists of a flow sensor (clamp on or inline) and a converter with a digital signal processor (DSP) for processing the sensor signals. Various signals (analog output, digital input and digital output) and various features (alarm levels, totalizer function) are provided and can be configured with a user friendly PC software.

The LEVIFLOW flow sensor product line enables single-use flow measurement from 1mL/min up to 80L/min.



LEVIFLOW® LFSC-D Sensor Series and DSP-Converter

Operating principle (D-series) ultrasonic clamp-on flow sensor



LEVIFLOW® LFS-SU Sensor Series and DSP-Converter

Operating principle (SU-series) ultrasonic inline flow sensor

Your benefits with the new **LEVIFLOW® Flow Sensor Series** at a glance:

- High accuracy of 1% of reading (inline flow sensor series)
- Low disposable cost (tubing cost only) with reusable sensor (clamp-on flow sensor series)
- Wide Flow Range for manufacturing scalability (starting at 1mL/min, up to 80 L/min)
- No moving parts and no flow path restrictions -> no particle generation, extremely low shear stress, low pressure loss
- Same converter for inline and clamp on sensor (enables one hardware set for different single-use disposable assemblies)
- Flow control together with LEVITRONIX® MagLev Single-Use Pumps
- Easy integration into OEM equipment
- Easy configurable flow sensor parameters (user friendly PC software)
- Integrated and configurable totalizer function
- Best price-performance ratio

To learn more about how **LEVIFLOW® Flow Sensors** can handle your Bio Process application please visit our website at: <http://www.levitronix.com> or drop a line to sales@levitronix.com



About Levitronix

LEVITRONIX® is a leading provider of fluid handling components including pumps, mixers, flow meters and flow control systems to the Life Science and Semiconductor Industry. The company is headquartered in Zurich, Switzerland, with locations in the United States, Taiwan and Japan. Beside the LEVITRONIX® ultrasonic flow measurement sensor series, LEVITRONIX® also provides single-use and multi-use pump products which use a patented magnetic levitation technology, which allows for contact-free, and thus, particle-free operation. With no mechanical wear, LEVITRONIX® pumps and sensors are ideal for demanding sensitive, hygienic or aggressive liquid processing. Visit www.levitronix.com for more information.