



NON-INVASIVE ULTRASONIC

FLOW SENSOR

FOR THE BIOTECH AND PHARMACEUTICAL INDUSTRY

SONOTEC 

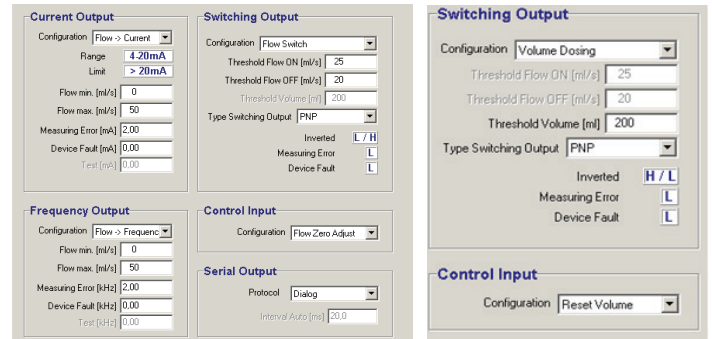
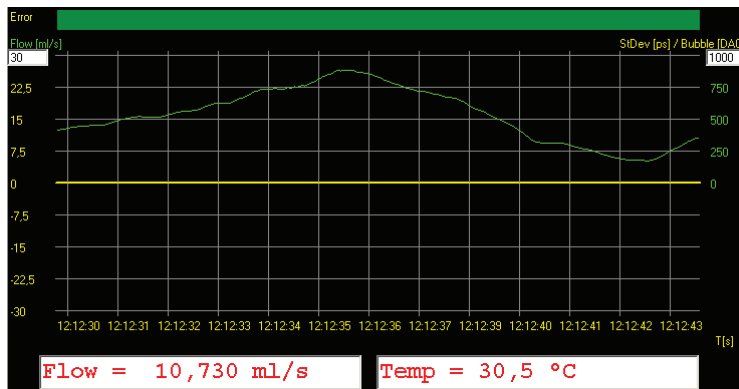
SONOFLOW CO.55 V2.0

The new SONOFLOW CO.55 V2.0 sensors are developed specifically for upstream and downstream monitoring in the bio-processing industry. The SONOFLOW clamp-on sensors are the only devices on the market to offer an integrated electronics board, allowing the transducers to be used without an external

board or flow meter. The non-invasive systems are suitable for applications ranging from process development through manufacturing to fill and finish operations. Due to large volume production SONOTEC can offer the most economical prices in the industry.

KEY FEATURES

- 9 off the shelf sizes ranging from 3.5 to 19 mm channel width
- Capable of rapid manufacturing of customer specific tubing sizes up to 2" OD
- Housings made of stainless steel, plastics or anodized aluminum
- Industrial M12 quick connector
- Sensors with an integrated electronic signal processing unit, no need for an external board
- All sensors have the following interface and outputs
 - RS485
 - 4 to 20 mA
 - Pulse frequency 0 to 20 kHz
 - PNP/NPN/Push-Pull switching output



- Reliable detection from 20 ml to 100 l/min with an accuracy down to 1.5 % when tuned on customer specific tubing and liquid
- Volume dosing** or **flow switching** output for delivery of specified volumes for feeding tanks, bioreactors or fill-finish lines
- Direct communication to most manufacturers' pumps for on and off capabilities
- Software with the following features
 - Adjust sensor for more accurate calibration down to 1.5 %
 - Choose output
 - Monitor data live or log data
 - Bus capable for operation of up to 12 devices
 - Easy interface with a tablet, laptop, SONOTEC Panel mount or many available data loggers

SONOTEC preserves the right to change technical specifications without further notice. (Rev. 1L / 2016-04-20)

SALES & SUPPORT

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