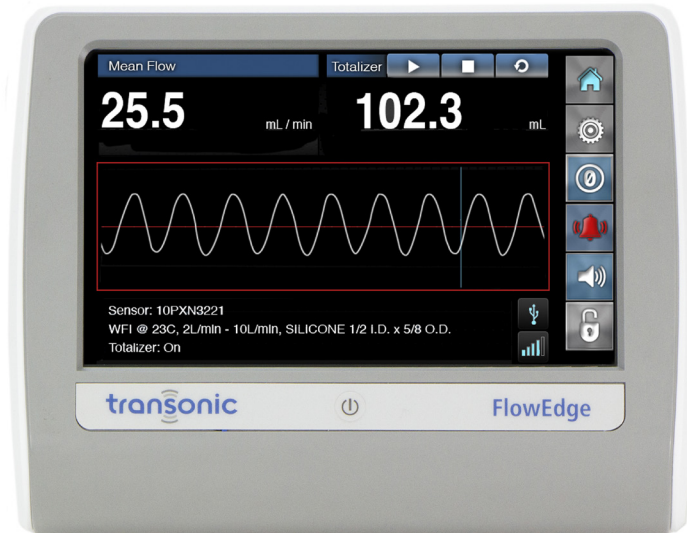


FlowEdge® Monitor & Flowsensors Features

FEATURES:

- Quantify Flow in Real Time
- Flowmeter measures and displays Volume Flow rate of liquids in ml/min or liter/min
- Non-Invasive Clamp-on Flowsensors clip on the outside of flexible tubing and have no direct contact with fluid thus maintaining process sterility
- Can measure cell media, WFI, most non-aerated solution even cleaning solutions
- Calibrated for WFI with customer specific tubing and temperature conditions
- User adjustable calibration program enables on-site calibration with protocol validation
- On-board Flow Totalizer can be set to integrate total flow volume delivered



Model #: T701

FlowEdge® Bioprocess Bench Flowmeter with Touch Screen Control and Active Display

TOUCH SCREEN USER INTERFACE PUTS CONTROL AT YOUR FINGERTIPS

- Administrator Control with password lock-out feature for selectable settings
- Select up to 4 factory calibration conditions (tubing/fluid/temp/custom flow range)
- Save up to 6 user defined calibration settings from onsite adjustment program
- Set Flow Alarm parameters if required: Low Flow, High Flow, and Bubble/Signal Quality Threshold
- Easy 1-2-3 step protocol to select, set and zero Sensor for ongoing measurements
- Independent Flow Totalizer Controls (start, stop, reset & alarm)
- Totalizer run time accrued and displayed.

VISUAL DISPLAY

- Easy to read Numeric Average Flow Rate & Totalized Volume
- Active Graph of Instantaneous Flow (100 Hz)
- Sensor Identification & Settings
- Intuitive Tile Navigation

ULTRASONIC TRANSIT-TIME TECHNOLOGY

- Bidirectional Flow Measurement
- Measures Volume Flow, Not Velocity
- Sensor geometry & design ensures high resolution measurement & zero offset stability

System Specifications

ACCURACY:

- ± 6% of flow reading over full operational range
- ± 2-4% of flow reading possible with on-site calibration

FLOWMETER MODEL:

- T701: FlowEdge Bioprocess Bench Flowmeter with Touch Screen Control
- T702 DIN: FlowEdge DIN Rail Mountable without display; Modbus controlled.

FLOWSENSOR MODEL:

- B n XL-Series Clamp-on Flowmeters
- 14 Sensor sizes available for 1/8" OD - 1 1/4" OD tubing

OUTPUT SIGNALS:

- Instantaneous Flow (100Hz), Mean Flow, Signal Quality, Total Volume
- 4-20 mA analog output via terminal block
- MODbus communication to process controller



B10XL Tubing Flowsensor on silicone tubing

CLAMP-ON FLOWSENSOR TUBING SPECIFICATIONS			
FRACTIONAL (1/16 INCH INCREMENTS)			
SENSOR SIZE	TUBING ID	WALL THICKNESS	TUBING OD
B2XL	3/32	1/32 ¹	1/8-5/32
B3XL	1/8	1/32 ¹	3/16-7/32
B4XL	1/8	1/16	1/4
B5XL	3/16	1/16	5/16
B6XL	1/4	1/16	3/8
B7XL	1/4	3/32	7/16
B8XL	3/8 5/16	1/16 3/32	1/2
B9XL	3/8	3/32	9/16
B10XL	3/8	1/8	5/8
B11XL	1/2	3/32	11/16
B12XL	1/2	1/8	3/4
B14XL	5/8 11/16	1/8 3/32	7/8
B16XL	3/4	1/8	1
B20XL	1	1/8	1 1/4

- In sizes 2-3XL ratio of tubing wall thickness to OD must not exceed 1:5 for PVC; 1:3 for silicone
- Compatible tubing types include but are not limited to: Silicone and Platinum Cured Silicone, Pharmed Tubing, C-Flex, Tygon PVC, Polyurethane. Check with your local Transonic representative or call Customer Service 607-257-5300 for specific tubing compatibility questions.



Model #: T702 DIN
FlowEdge® DIN Rail Mountable without display



Model #: T701
FlowEdge® with display

