

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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ALL PLASTIC ULTRA-LOW FLOW SENSORS



Principle of Operation

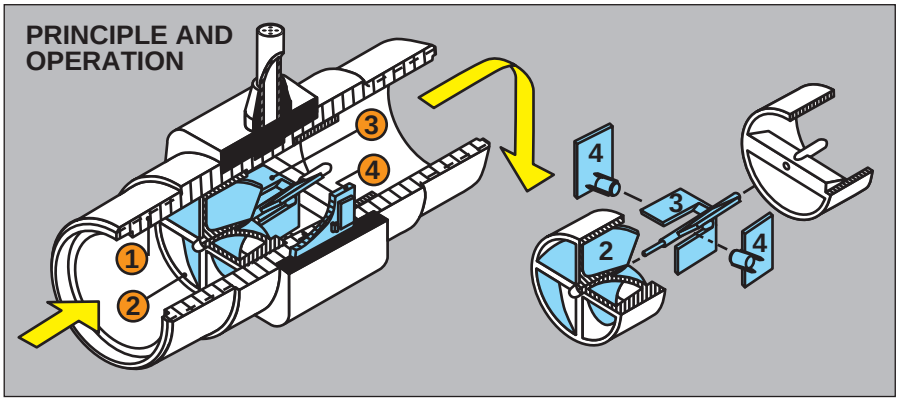
1. Fluid first passes through helical nozzle
2. This causes the flow to spiral, rotating in a helical pattern
3. The spiraling fluid hits the flat blade rotor, causing it to spin
4. An infrared, electro-optical transmitter and receiver provide a square wave electronic output signal

$370
Basic Unit

2 YEAR WARRANTY · MADE IN USA

- ±1% of Reading Accuracy
- Six Flow Ranges, from 0.1 to 120 LPM
- No Flow Straightening Needed
- Turn Down Up to 30:1
- Easily Mounts In Any Position
- Hose Barb or Threaded Connections

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SPECIFICATIONS

Accuracy: ±1% of reading
Repeatability: ±0.1% of reading
Viscosity Range: 1 to 15 centistokes
Working Pressure:
150 psig at 79°C (175°F)
Max Pressure Drop @ Max Flow:
@30 psi on all units (6.5 psi on FTB601)
Ambient Temperature:
-40 to 93°C (-40 to 200°F)
Wetted Parts:
PVDF (Polyvinyldenefluoride)
Viton® O-rings (O-rings are not wetted on NPT units)
Power Supply: 5 to 12 Vdc, 6 to 33 mA
Output Signal: Square wave pulse
Cable Length: 1 m (3.2')
Compatible Meters: DPF700 , DPF70

PRINCIPLE AND OPERATION

The OMEGA® FTB600 Series Flowmeters feature an infrared, electro-optical transmitter and receiver molded into the flowmeter's body, along with two miniature circuit boards to provide voltage stabilization and automatic IR output level control. The FTB600 automatically compensates IR light intensity for varying fluid opacity levels to insure a strong square wave output signal. The flowmeter is suitable for clear, transparent and translucent fluids which must transmit infrared light. (**Note:** Not suitable for use with red liquids.)

The design of the FTB600 inherently bleeds off entrained gas, thereby improving overall accuracy. This flowmeter can be easily mounted into any position for greater system design flexibility, also saving time and installation costs. A strainer is included in models FTB602 through FTB606A.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model No.)

Model No.	Price	Flow Range (LPM)	Dimensions mm (") A	Dimensions mm (") L	Dimensions mm (") C	K Factor Pulses/ Liter	-T Option (NPT)	-T Length mm (")
FTB601	**$370**	0.1 to 2	10 (0.4)	41 (1.6)	8 (0.3)	36000	¼"	38 (1.5)
FTB602	**380**	0.3 to 9	13 (0.5)	46 (1.8)	10 (0.4)	8000	½"	48 (1.9)
FTB603	**405**	0.5 to 15	13 (0.5)	46 (1.8)	13 (0.5)	3200	½"	48 (1.9)
FTB604	**450**	1 to 30	15 (0.6)	58 (2.3)	15 (0.6)	1200	¾"	64 (2.5)
FTB605A	**550**	2.5 to 75	17 (0.65)	80 (3.15)	20 (0.77)	450	1¼"	81 (3.2)
FTB606A	**670**	4 to 120	17 (0.65)	80 (3.15)	24 (0.95)	225	1¼"	81 (3.2)

Comes complete with operator's manual
*For NPT Threads add **-T** to model number. No additional charge.*
Ordering Example: FTB602**, ultra low flowmeter, 0.3 to 9 LPM, **$380

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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