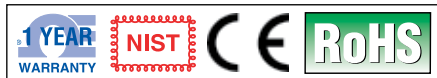


SANITARY TURBINE FLOW METERS

FTB-400A Series



- ✓ Compliant with the ASME Bioprocessing Equipment Standard BPE-2019
- ✓ Sizes Available, from 1/4 to 3"
- ✓ Flow Rates from 0.35 to 650 GPM
- ✓ Suitable For Cleaning Out Of Place (COP).

The Omega FTB400-Series Sanitary Design Turbine Flowmeter is designed and manufactured to be compliant with the ASME Bioprocessing Equipment Standard BPE-2019 for measurement of process liquids where high sanitary standards are required. ASME-BPE-2019 is the leading Standard on how to design and build equipment used in the production of biopharmaceuticals. This series includes 11 sizes, 1/4" to 3" with standard Tri-Clamp™ fittings, covering flow rates for 0.35 to 650 GPM.



FTB-406A, shown smaller than actual size.



Use the FTB-400A Series turbine flow meter with the DPF701 Series flow indicator.

SPECIFICATIONS

Accuracy & Linearity:
±0.5% of reading or better
Repeatability:
±0.1% of reading or better
Temperature Range:
-268 to 232°C (-450 to 450°F)
Signal Output:
10 mV rms or greater into a 10 kΩ load at minimum flowrate

Materials of Construction: 316 SS except as noted below:

Rotor: 17-4 PH SS
Retaining Rings: 15-7 MO PH SS
Bearings: Hard carbon composite

For compatible meters; DPF701, DPF402, DPF70 with FLSC-AMP, DPF10, FC20, 21, 22, visit OMEGA

To Order

Model No.	Tri-Grip™ Size (inch)	Flow meter Size (inch)	Linear Flow Range (US GPM)	Length mm (inch)	Nominal K-Factor (pulses/gal)	Weight kg (lb)
FTB-401A	1½	¼	0.35 to 3.5	90 (3.56)	15000	1.4 (3)
FTB-402A	1½	⅜	0.75 to 7.5	90 (3.56)	8900	1.4 (3)
FTB-403A	1½	½	1.25 to 9.5	90 (3.56)	5800	1.4 (3)
FTB-404A	1½	⅝	1.75 to 16	90 (3.56)	5200	1.4 (3)
FTB-405A	1½	¾	2.5 to 29	83 (3.25)	2200	1.4 (3)
FTB-406A	1½	1	4 to 60	90 (3.56)	840	1.4 (3)
FTB-407A	1½	1¼	6 to 93	117 (4.59)	400	2.3 (5)
FTB-408A	1½	1½	8 to 130	117 (4.59)	230	2.7 (6)
FTB-409A	2	2	15 to 225	154 (6.06)	120	3.2 (7)
FTB-410A	3	2½	25 to 400	254 (10.00)	95	3.6 (8)
FTB-411A	4	3	40 to 650	254 (10.00)	45	4.5 (10)

Comes complete with operator's manual and 10 point NIST calibration certificate.

Ordering Examples: FTB-406A, 1" flow meter with 1½" clamp size, 4 to 60 GPM flow rate.

FTB-402A, ⅜" flow meter, with 1½" clamp size, 0.75 to 7.5 GPM flow rate.