

SANITARY TURBINE FLOWMETERS

FTB-970A Series
Starts at
\$1166



- ✓ NIST Certificate Supplied Standard
- ✓ Sizes Available from ¼ to 3" Tri-Grip™
- ✓ Flow Rates from 0.5 to 650 GPM
- ✓ Suitable for Cleaning in Place (CIP)

FTB-970A Series sanitary turbine flowmeters are available in 11 sizes, from ¼ to 3" with standard Tri-Grip™ (Tri-Clamp® compatible) fittings. Covering flow rates from 0.5 to 650 GPM, these flowmeters are constructed of suitable materials for CIP.



Shown smaller than actual size.

Use the FTB-970A Series turbine flowmeter with the DPF700 Series flow indicator, \$260, see page M-5.



SPECIFICATIONS

Accuracy and Linearity: ±0.5% rdg

Repeatability: ±0.1% rdg or better

Temperature Range:

-73 to 232°C (-100 to 450°F)

-268 to 65°C (-450 to 150°F) for FTB-971AT

Signal Output: 30 mV p-p minimum

Materials of Construction:

304 SS except as noted below

Rotor: 17-4 PH SS

Bearings: Tungsten carbide sleeve

Electrical: 2-wire connector (included)

Maximum Pressure Drop: 4 psid

Compatible Meters: DPF701 (page M-5), DPF402 (page M-11), DPF70 with FLSC-AMP (page M-22), DPF10 (page M-23), FC20, 21, 22 (page M-27). Also FLSC-60 Series (see page F-52).

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Tri-Clamp Size (in)	Flowmeter Line Size (in)	Linear Flow Range (US GPM)	Length mm (in)	Approx. Weight kg (lb)	Nominal K Factor (pulses/gal)	Operating Pressure (psig)
FTB-971AB	\$1166	¾	¼	0.5 to 3.5	102 (4.0)	0.45 (1)	15,000	1500
FTB-972A	1166	¾	⅜	0.75 to 5.0	102 (4.0)	0.45 (1)	6000	1500
FTB-973A	1166	¾	½	1.25 to 9.5	102 (4.0)	0.45 (1)	3160	1500
FTB-974A	1166	¾	⅝	1.75 to 16	102 (4.0)	0.45 (1)	5300	1500
FTB-975A	1166	1½	¾	2.5 to 29	127 (5.0)	0.45 (1)	1035	600
FTB-976A	1172	1½	1	4 to 60	127 (5.0)	1.36 (3)	500	600
FTB-977A	1206	1½	1¼	6 to 93	127 (5.0)	1.36 (3)	320	600
FTB-978A	1325	1½	1½	8 to 130	127 (5.0)	2.27 (5)	230	600
FTB-979A	1469	2	2	15 to 225	152 (6.0)	2.27 (5)	133	450
FTB-980A	1705	2½	2½	25 to 400	191 (7.5)	2.73 (6)	75	400
FTB-981A	2197	3	3	40 to 650	241 (9.5)	3.18 (7)	46.1	350
FW-402	175	Reference Book: Chemical Process Equipment						

Comes complete with operator's manual, mating electrical connector and NIST certificate.

Units can also be ordered as systems with the FLSC-60 Series signal conditioners, see page F-52 for details.

Ordering Examples: FTB-976A, flowmeter with 1½" tri-clamp size, 4 to 60 GPM flow rate, \$1172.

SYS/FTB-972A/FLSC-62A, sanitary turbine flowmeter for ¾" line (¾" Tri-Grip™ fitting) with 4 to 20 mA output signal conditioner, \$1166 + 431 = \$1597.

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