



AW FLOW METERS

TA-3 Series Sanitary Turbine Flowmeter



Technical Specifications:

- Sanitary clamp end connections
- Accuracy $\pm 1\%$ of reading
- Pressure rating up to 1000 PSI
- NEMA 6 Connector
- Nine flow ranges available
- 316L Stainless Steel bodies
- Flow ranges 0.6 to 400 GPM
- Amplified pulse output

What is a TA-3 Turbine flow meter?

The TA-3 series of turbine flow meters are designed to meet the exacting demands of the food, biotechnology, pharmaceutical and other sanitary industries. Featuring a 316 stainless steel body and highly polished internal components, TA-3 flow meters are rugged, accurate and reliable to provide years of excellent service. Each meter is fitted with a NEMA-6 sensor that produces an amplified pulse output. The sensor and molded cable withstand repeated washdowns and provide long-term protection from moisture. Options include analog outputs and local indication of flow rate and flow total.



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Meter Technical Data

Materials of Construction:

Body: 316L Stainless Steel
Rotor: Nickel Plated Stainless Steel
Rotor Shaft: 316L Stainless Steel
Bushings: Nickel Bindery Tungsten Carbide

Technical Specifications:

Accuracy: $\pm 1\%$ of actual reading
Turndown Ratio: 10:1
Repeatability: $\pm 0.1\%$
Operating Temperature: 350° F max.
Pressure Rating: up to 1000 psi - based on Tri-Clamp sanitary connections

Part Number	Flow Range - GPM	Pulses per Gallon	Meter Size	Clamp Size
TA3-75-375	0.6 to 3	20,000	3/8"	3/4"
TA3-75-500	0.75 to 7.5	13,000	1/2"	3/4"
TA3-75-750	2 to 15	2,750	1/2"	3/4"
TA3-150-500	0.75 to 7.5	13,000	1/2"	1-1/2"
TA3-150-750	2 to 15	2,750	1/2"	1-1/2"
TA3-150-875	3 to 30	2,600	7/8"	1-1/2"
TA3-150-100	5 to 50	870	1"	1-1/2"
TA3-150-150	15 to 180	330	1-1/2"	1-1/2"
TA-250-200	40 to 400	50	2"	2-1/2"

Sanitary Clamp Rated at 250 PSI at 300° F

Products may be subject to change without notice – Contact factory for current information