

PCW Series — In-Line 316 Stainless Steel Paddle Wheel Flow Meter

Industry's Most Accurate & Reliable Paddle Wheel Flow Meters

The PCW Series in-line 316 stainless steel paddle wheel flow meter has been engineered to provide long-term accurate flow measurement in tough industrial applications.

The paddle wheel assembly consists of an engineered Tefzel® paddle and micro-polished zirconium ceramic rotor pin and bushings.

High performance Tefzel® and Zirconium materials have been selected due to their excellent chemical and wear resistant properties.

- ✔ Industry's Highest Accuracy: +/- 0.5%
- ✔ Life-Time Warranty on Paddle Assembly
- ✔ No Programming
- ✔ ½" – 4" Line Sizes
- ✔ Flow Rate | Total
- ✔ Pulse | 4 – 20mA | RS485 | Voltage Outputs

New ShearPro® Design

- ✔ Contoured Flow Profile
- ✔ Reduced Turbulence = Increased Longevity
- ✔ 78% Less Drag than Old Flat Paddle Design*

*Ref: NASA "Shape Effects on Drag"

Tefzel® Paddle Wheel

- ✔ Superior Chemical And Wear Resistance vs PVDF

Zirconium Ceramic Rotor | Bushings

- ✔ Up to 15x the Wear Resistance vs. Regular Ceramic
- ✔ Integral Rotor Bushings Reduce Wear and Fatigue Stress

