

- Flow Rate + Flow Totalizer
- 2 Levels of Password Security
- Programmable Time On Backlight
- 0.5% Accuracy
- Display Rotates 360 Degrees

PVC

PP

PVDF

SERIES : TKB
CONNECTION: SOC, NPT, Flanged, Butt, DIN
SEALS : FPM/EPDM/FFKM



On Paddle Assembly



Display Rotates 360°



Zirconium Ceramic Rotor Pin & Bearings...
The Only thing Harder is Diamond



Removable Cover



Waterproof Battery Holder Standard "C" Type Battery

Screen Backlight

Battery Life Indication



Removable Cover (No Tools Required)

FEATURES

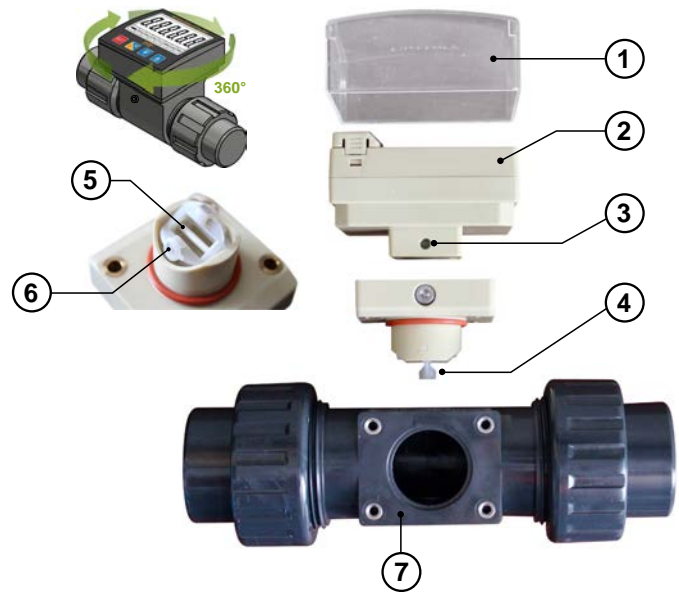
- Industry's Highest Accuracy less than 0.50% of Full Scale
- Unit of Flow Measurement is Selectable (Liter/Gallon/Kilo-liter)
- Corrosion Resistant Materials PVC/PP/PVDF
- Low Cost Visual Indication
- Easy Installation - No Mounting Kits
- High Flow Range (.3m/s - 10m/s) (.98 ft/s - 32.8 ft/s)
- Easy to Program
- 2 Year Battery Life*
- Large LCD Digital Display
- Horizontal or Vertical Installation
- Size Range 1/2"-4"
- Low Pressure Drop
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- Password Protected Security
- True - Union Design 1/2"- 2" (Flanged 3"-4")

SPECIFICATIONS

Fluid	Water or Chemicals Liquid - Viscosity Range: .5-20 centistokes
Accuracy	> ± .50% of F.S. @ 20°C (68°F) - Repeatability ± .5% of Full Scale
Max Flow Velocity	10 m/s max - (32.8 ft/s max)
Min Flow	0.3 m/s min. - (.98 ft/s min)
Operating press	150 psi (Non-Shock)
Turndown	33:1
Response time	Real Time
Material of Construction	Paddle: Tefzel Body: PVC/PP/PVDF Shaft: Zirconium Ceramic Seals: FPM (Std) EPDM, FFKM
Operating Temperature	PVC < 60°C (140°F) PP < 80°C (176°F) PVDF < 110°C (230°F)
Electronics	+ 50°C (122°F)
Protection Class	IP66 NEMA 4X
Approval	CE Rohs
Current Draw	10mA Max
Battery	3V DC

PARTS TKB SERIES

1. Polycarbonate Cover
2. Flow Controller
3. Hall Sensor
4. Redesigned Paddle Wheel
5. Zirconium Ceramic Shaft + Bearings
6. Redesigned Paddle = Better Accuracy
7. Body (PVC,PP,PVDF)



PRODUCT SELECTION

EXAMPLE

TKB ----- 25 -----PF ----- F ----- T
(1) (2) (3) (4) (5)

1. SERIES

TKB = Paddle Wheel Battery Operated
Flow Meter Rate + Flow Totalizer

2. PIPE SIZE

15 = (1/2") / 20 = (3/4")

25 = (1") / 40 = (1 1/2")

50 = (2") / 80 = (3") 100 = (4")

3. BODY MATERIAL

P = PVC

PP = Polypropylene

PF = PVDF

4. SEALS

E = EPDM (Optional)

F = FFKM (Optional)

5. END CONNECTIONS

S - Sch 80 Soc

T - NPT

B - SDR11 Butt

D - DIN

F - ANSI Flange

TYPICAL APPLICATION

