Monitek Ultrasonic™
Product Specifications

GALVANIC
APPLIED SCIENCES

PERFORMANCE	
Accuracy	± 4% F.S.
Repeatability	± 4% F.S.
Sensitivity	± 2% F.S.
Response Time	T90: 1 Second
Method / Technology	Acoustic Back-Scatter, 5 or 15 MHz [Application-Specific]
Range / Parameters	0 to 10 mg/l up to 3% / Suspended Solids, Oil in Water

SENSOR	
Pressure	≤ 260 psi @ 25°C
Temperature	0° to 150°C [32° to 302°F]
Materials of Construction	Stainless Steel, Hastelloy, Monel, Teflon; PEEK Detector With Kalrez O-Rings
Process Connections	Ball-Valve Mounted or Flange Mounted
Pipe Diameter	≥ 3" [90 mm], Adapter Available for Smaller Pipe Diameters
Units	User-Defined
Cable	≤ 100 m

ENVIRONMENT	
Temperature / Humidity	0 to 45°C [32° to 113°F] / 0 to 95% Relative Humidity [Non-Condensing]
Installation	Indoors, Suitable Enclosure, Outside Under Sun Shield
Dimensions / Weight	350 x 300 x 173 mm [13.8″ x 11.8″ x 6.8″] / 5.76 kg. [12.7 lbs.]
Enclosure	Stainless Steel or Fiberglass, IP 65, NEMA 4X

UTILITIES	
Power / Consumption	90 to 265 VAC, 15 Watts

COMMUNICATIONS	
Analog Output	4-20mA Outputs [Self-Powered]
Relays	4
Human Machine Interface	Dox-Matrix With Local Touch-Pad

CERTIFICATIONS	
CSA/NEC	Class I Div. 2 Groups ABCD T3 [Purged]
Sensor	CRN; Up to Class I Div. 1 and ATEX/IECEx Zone 1