

# 355A

## COMPETITIVE COMPARISON



	Monitor	Endress & Hauser	K-Tek / ASI	Bindicator	Vega
Product Name	Flexar	LevelFlex	MT2000 / WaveTrak 2000	PhaseTracker	VegaFlex
Part Number	16-8xxx-xxxx	FMP40	MT2000 / WT2000	LM7 (sensor) CT7 (controller)	Flex62
Technology	Time Domain Reflectometry	Time Domain Reflectometry	Time Domain Reflectometry	Phaseshift Tracking	Time Domain Reflectometry
Architecture	Integral	Integral	Integral	Two-Part System	Integral
Remote Electronics	Optional	Optional	Optional	Yes	Optional
Local Display	Yes	Yes	Optional	Yes (controller only)	Optional
<b>Company Focus on Solids (1-10)</b>	10	7	5	9	7
<b>PC-Based Inventory Management Interface</b>	Optional	No	No	Optional	No
Minimum Dielectric	Direct Mode = 1.8 TBF Mode = 1.4	1.4 - 1.6	1.3	1.3	1.7
Power Supply Architecture	4-wire	2-wire / 4-wire	2-wire	4-wire	2-wire / 4-wire
Power Supply	100-240 VAC  24 VAC/VDC	4-wire: 85-250 VAC; 10.8-36 VDC  2-wire: 16-36 VDC	13.5-36 VDC	115/230 VAC	4-wire: 20-250 VAC; 20-72 VDC  2-wire: 14-36 VDC
Probe Types	0.16" (4mm) Single Cable  0.31" (8mm) Single Cable  0.16" (4mm) Twin Cable  0.38" (10mm) Diameter Single Rod  Uncoated	4mm (0.16") Single Cable  6mm (0.24") Single Cable  16mm (0.63") Single Cable  6mm (0.24") Single Rod  Coaxial  Coated Single Cable Available	0.1875" (5mm) Single Cable  0.25" (6mm) Single Cable  0.311" (8mm) Single Cable  0.1875" (5mm) Twin Cable  0.24" (6mm) Twin Cable  0.24" (6mm) Single Rod  0.5" (13mm) Dual Rod  Coaxial  Uncoated	Twin Cable  Rigid Rod  Coated Cable Available	6mm (0.24") Single Cable  16mm (0.63") Single Rod  Coated Cable and Rod Available

Standard Process Temperature Limits	-20 to +300 F (-30 C to +150 C) -20 F to +392 F (-30 C to +200 C) hazloc unit	-40 to +150 C (-40 to +302 F)	-40 to +250 C (-40 to +121 C)	-40 to +149 C (-40 to 300 F)	-40 to +150 C (-40 to 302 F)
Ambient Temperature Limits	-5 to +120 F (-20 C to +50 C)	-40 to +80 C (-40 to +176 F)	-40 to +77C (-40 to +170F)	-20 to 70 C (-4 to 158 F) (Controller)	-40 to 80 C (-40 to 176 F)
Standard Process Pressure Limits	-14.5 to 580 psig (-1 to 40 bar)	-14.5 to 580 psig (-1 to 40 bar)	0 to 1500 psig (0 to 103.4 bar)	Not Specified	-14.5 to 580 psig (-1 to 40 bar)
Solids Measuring Distance	100' (30m)	115' (35m)	100' (30.5m)	130' (39.6m)	197' (60m)
Accuracy (Solids)	+/- 0.8" (20mm)	+/- 0.12" to 0.03" of Range	+/- 0.2"	+/- 1% to 2% of Full Scale	+/-0.2"
Accuracy (Liquids)	+/- 0.2" (5mm)	+/- 0.12" to 0.03" of Range	+/- 0.2"	+/- 1% to 2% of Full Scale	+/-0.12"
Hazardous Location Approval	Optional	Optional	Optional	Optional	Optional
Process Connections	1-1/2" NPT, G 1-1/2 (1-1/2" BSP) Threaded  2" ANSI 150, DN50 PN40 Flanges	1-1/2" NPT, 3/4" and 1-1/2" BSP G, ANSI  Flanges up to 1-1/2", DIN Flanges up to DN40	Threaded, Flanges and Sanitary	1-1/4" NPT (liquids), 3" and 4" ANSI and  DN100 PN16 DIN Flanges	Threaded, Flanges and Sanitary
<b>Pricing</b>					
Application #1 (PE Pellet; 50'; analog output)	\$2,137	\$1,956	\$2,502	\$3,075	\$2,737
Application #2 (Cement; 34'; analog output)	\$2,097	\$1,860	No Bid	\$2,755	\$2,622
Application #3 (Cement; 98; analog output)	\$2,240	\$2,244	No Bid	\$4,075	No Bid

REV355.1.1105

**Monitor Technologies Advantages:**

1. Five (5) decades of expertise in successfully applying technology in level monitoring of powders and bulk solids.
2. Unique PC-based inventory management system interface for virtually an unlimited number of users with multiple sensor technologies.
3. Competitive pricing well below almost all competitors.

**HUNTSMAN, INC**  
Packaging, Processing and Dust Control

2362 Warren Ave.  
Twin Falls, ID 83301  
mail@huntsmanc.com

Ph. (208) 733-2214  
Toll Free: (888) 812-3377  
Fax: (208) 733-2240