

Application Note APNE-0012

Comparison of Monroe Electronics' Handheld Fieldmeters

	289 Static Locator	281 Static Locator	265A Stat-Arc II	282 Digital Stat-Arc 2
Value	Least cost – good general performance	Medium cost – good performance	High performance	Top of the line – premium features
Display type	16-segment LED bargraph	3½-digit LCD	Analog meter	3½-digit LCD
Range(s)	±100V to ±10kV	±20kV – Characterized to ±80kV	±1kV to ±30kV in 4 ranges	±20kV – Characterized to ±80kV
Accuracy	±10% at the trip point	±10%	±10%	±5%
Best resolution	1/3 decade	100 volts	100 volts/div	10 volts
Chopper stabilized	No	No	Yes	Yes
Analog output	No	No	1 volt for full scale	1 volt represents 10kV
Approval/certification	N/A	N/A	N/A	CE, UL – Class I (D,C,B,A) and Class II (G,F,E)
HOLD button	No	Yes	No	Yes
Rangefinder	No	No	Visible ring to target	Pulsing-beam
2-year warranty	Yes	Yes	Yes	Yes