

Application Note APNE-0012 Comparison of Monroe Electronics' Handheld Fieldmeters

	289 Static Locator	281 Static Locator	265A Stat-Arc II	282 IS Digital Stat-Arc 2	282A Digital Stat-Arc 3
Value	Least cost — good general performance	Medium cost — good performance	High performance	Top of the line — premium features	Top of the line — premium features
Display type	16-segment LED bargraph	3½-digit LCD	Analog meter	3 ½ -digit LCD	3 ½ -digit LCD
Range(s)	±100V to ±10kV	±20kV — Characterized to ±80kV	±1kV to ±30kV in 4 ranges	±20kV — Characterized to ±80kV	±20kV — Characterized to ±80kV
Accuracy	±10% at the trip point	±10%	±10%	±5%	±5%
Best resolution	? decade	100 volts	100 volts/div	10 volts	10 volts
Chopper stabilized	No	No	Yes	Yes	Yes
Analog output	No	No	1 volt for full scale	1 volt represents 10kV	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)	CE
HOLD button	No	Yes	No	Yes	Yes
Rangefinder	None	None	None	Pulsing-beam	Pulsing-beam
2-year warranty	Yes	Yes	Yes	Yes	Yes