

## Application Note APNE-0012

### Comparison of Monroe Electronics' Handheld Fieldmeters

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