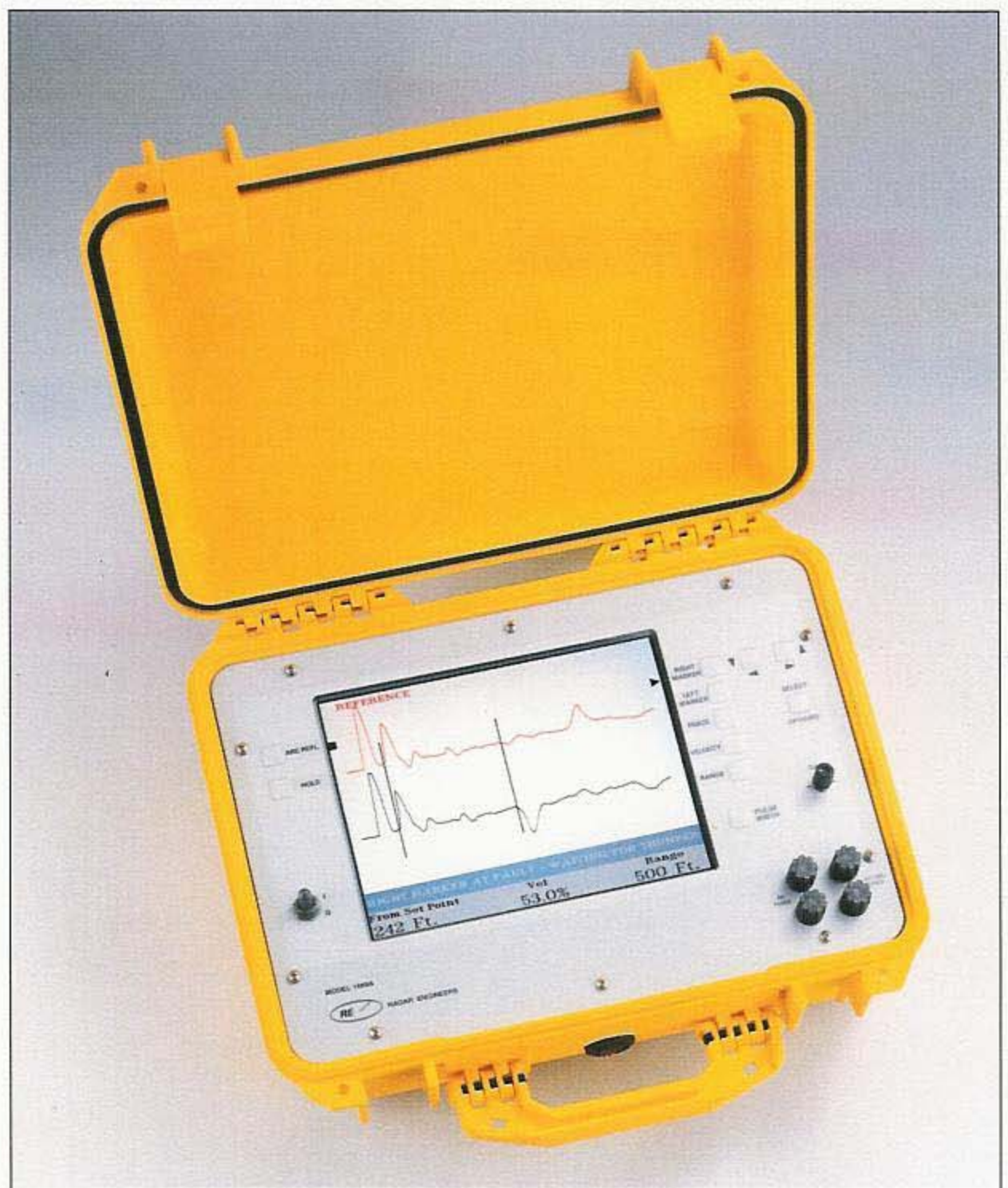


## MODEL 1669

# PORTABLE ARC REFLECTION RADAR

### SPECIFICATIONS

<b>MODES:</b>	Arc Reflection Current Impulse (Option) Direct L1 3 Ø comparison and difference
<b>DISPLAY:</b>	10.5" diagonal Color LCD display Sunlight Readable
<b>VELOCITY FACTOR:</b>	25.0% - 99.9%
<b>MARKERS:</b>	Two moveable vertical markers measure the distance between any two points. Distance readout continually updated.
<b>RESOLUTION:</b>	≈ 3 feet or 0.4% of selected range
<b>ZOOM:</b>	For ranges 3,000 feet and above
<b>MEMORY:</b>	15 waveform memories
<b>PULSE WIDTH:</b>	Automatically increases with range
<b>RANGE:</b>	TDR: 500 — 48,000 feet CI: 1,500 — 192,000 feet (Metric Selectable)
<b>SERIAL PORT:</b>	RS232 port for computer interface
<b>POWER:</b>	115/230 VAC, 50/60Hz 12V DC External (Option)
<b>CHASSIS:</b>	≈ 16.25" x 13" x 6.75"
<b>WEIGHT:</b>	≈ 15 lbs.



### ARC REFLECTION RADAR

The Model 1669 is specially designed for use with thumpers connected to an arc reflection filter for "pre-locating" high resistance (pinhole) faults in buried primary power cables. It will also locate low resistance faults, splices, and opens on a stand-alone basis.

### AUTOMATIC DISTANCE READOUT

Digital radar captures and holds the fault trace at the instant of the thump. Software then automatically positions a marker at the fault and the distance to the fault is indicated on the screen.

### PORTABLE

The Model 1669 portable cable radar is packaged in a rugged weather resistant plastic case. The Model 1669 can be bolted to most hand trucks. It is compatible with most combination thumper/filters.