

LOAD SPOTTER

Cat. No. 6790

THE LOAD SPOTTER IS A HOT-LINE STICK MOUNTED AMMETER FOR QUICK AND EASY READING OF LINE CURRENTS ON OVERHEAD CONDUCTORS.

FEATURES:

- TRUE RMS READING
- PATENTED SLIP ON CURRENT TRANSDUCER
- 0 – 2000 AMP RANGE
- FULL SCREEN BACKLIGHT
- WIDE TEMPERATURE RANGE
- LOW BATTERY INDICATOR
- DISPLAYS EITHER HOLD OR FREE RUN READINGS
- CAPTIVE ADAPTER INSERT FOR SMALL CONDUCTOR SIZES
- MOUNTING PINS FOR USE ON HOT-LINE STICK
- WEATHER PROOF ALUMINUM ENCLOSURE

Designed for use by utility personnel who require a simple and fast means of current measurement on power lines which cannot be reached with a conventional clip-on ammeter or lines carrying high potentials. The load spotter can be attached to the universal head of a hot-line stick and slipped over a live conductor. The range of conductors is from ½ inch to 2 inches.

Two modes of operation are possible; FREE RUN which continuously displays the instantaneous current value, or HOLD which retains the highest reading obtained if the instrument is positioned with the display out of view.

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OPERATION

To begin, press the “ON/MODE” button, pressing again toggles between FREE RUN and HOLD mode which is indicated by a dot at the top of the display. Unit remains on for approximately 25 minutes until auto shut off operates or until turned off manually. To conserve battery life the backlight will be turned off automatically after 5 min.

To turn on the backlight continue to hold the ON/MODE button while turning the unit on until the backlight turns on (approximately 5 seconds).

FREE RUN displays continuous readings, updated at approximately 1 second intervals.

HOLD MODE displays the highest reading sensed, until the mode switch is pressed.

Low battery is indicated by a dot under BATT LOW.

Current readings may not be accurate if low battery indicator is steady.

To change the battery remove the four corner screws and lift off the back cover, when re-installing cover, ensure that the lid gasket is seated properly in its groove.

The Load Spotter may be attached to a hot stick, or used with the handle supplied on low voltage conductors.

To turn the unit off, press and hold the ON/MODE button until the unit turns off (approximately 3 seconds).

SPECIFICATIONS

Conductor Size	½ to 1 ¼ inches with captive adapter in place 1 ¼ to 2 inches without adapter
Current Range	0 - 2000 Amps
Accuracy	± 1 % of reading
Maximum Line Voltage	Field tested to 345 kV
Temperature Range	-4° F to +104° F (-20° C to +40° C)
Battery	6 AA alkaline cells
Weight	2.4 lbs (1.1 kg)