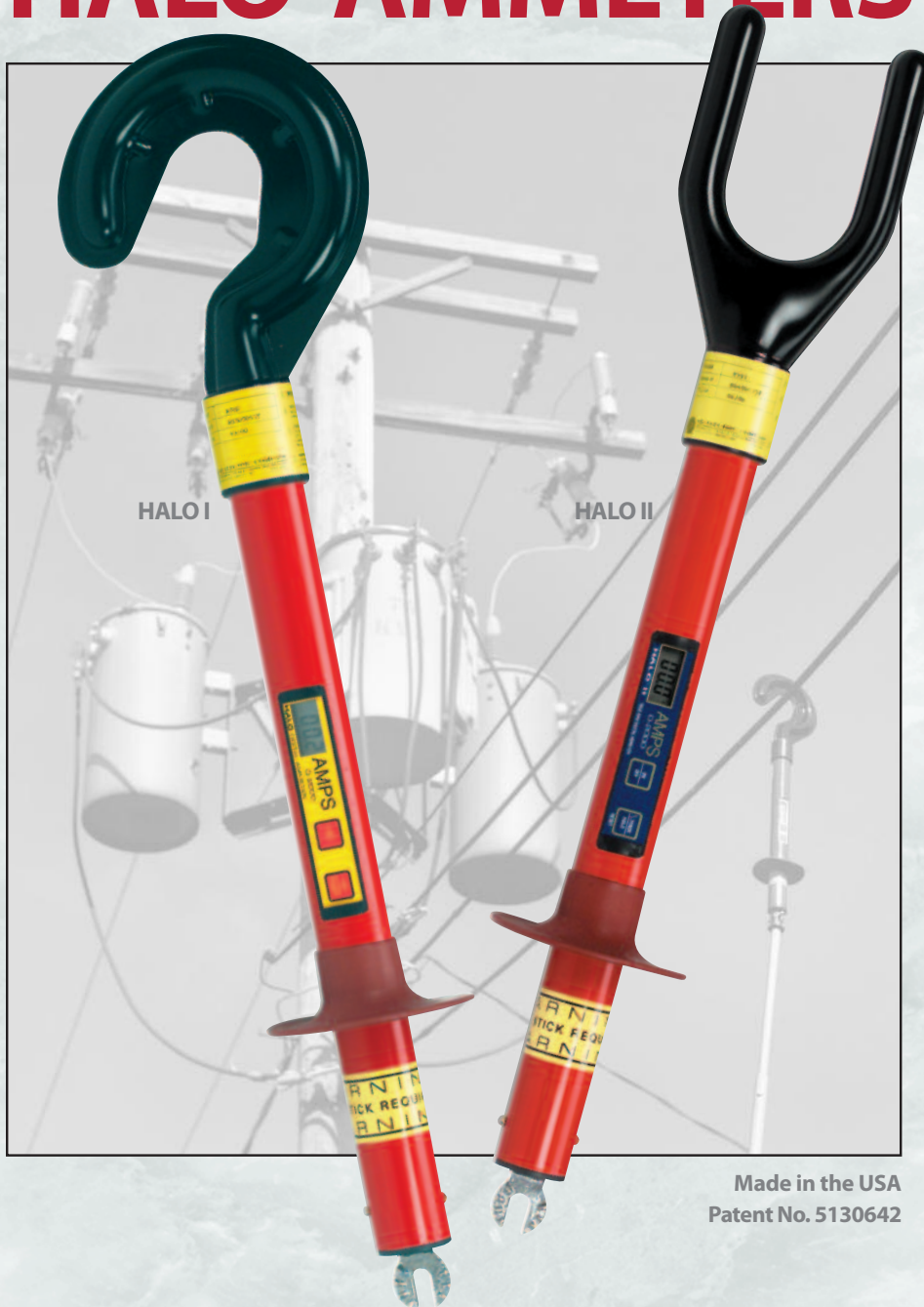


## High Voltage Ammeters

# HALO<sup>®</sup> AMMETERS



## DESCRIPTION

HALO is a high-voltage, digital ammeter designed for taking AC current measurements up to 2000 amps. Its unique open-core design allows it to hook over a conductor and within seconds obtain a reading. Attached to a hotstick, the HALO is capable of being used on all system voltages up to 69kV.

## BENEFITS

- Quickly take current readings on conductors up to 69kV (phase-to-phase)
- Use on overhead or underground applications
- Take spot-load checks with ease
- Verify phases are balanced
- Use hook head on conductors up to 2.3" (5.8 cm) and fork head on conductors up to 2.75" (7.0 cm)
- Lightweight and easy-to-manage on an extension hotstick

Made in the USA  
Patent No. 5130642



# HD ELECTRIC COMPANY

A Textron Company

1475 Lakeside Drive • Waukegan, Illinois 60085 U.S.A. • 847.473.4980  
fax 847.473.4981 • website: [www.HDElectricCompany.com](http://www.HDElectricCompany.com)

# HALO I

HALO I is capable of taking spot-load studies at transformers or at any mid-span location, as well as phase balance studies on primary or secondary lines. HALO I is a true RMS reading instrument. Its load-latching circuitry continually latches and locks on to peak system currents. It will display and hold the reading until the display is reset.



## HALO I SPECIFICATIONS

- Peak Hold Mode
- Auto-ranging LCD display
- True RMS reading
- Display: 3.5 digit, Liquid Crystal Display (LCD)
- Maximum Amperes: 1999
- Minimum Amperes: 0.1
- Overload: Above 1999, display indicates 1
- Display Response Time: 3 seconds to full scale
- Accuracy: +/- 3% of reading +/- 3 counts
- Temperature Range: 0°F -122°F (-18°C - 50°C)
- Auto shut-off
- Operating Humidity Range: 80% RH at 120°F
- Maximum Voltage: 69kVAC (phase-to-phase)
- Power Supply: Replaceable 9V DC lithium or alkaline battery with 40+ hours of continuous operation
- Control Panel: Membrane type, tactile response
- Dimensions: 28" long (71 cm)
- Dimensions Core Opening:  
2.3" wide x 3.7" deep with conductor centering design (5.8 cm x 9.4 cm)
- Weight: 2 lbs. 13 oz. (1.28 kg)
- Measures current 25 to 1000Hz

## FORK HEAD



The fork style sensing head has been designed to help facilitate taking measurements in underground (U/G) applications. It can be used in other applications including overhead (O/H). Outside head dimensions are 5.5"W x 8.5"L x 1.1875" Thick (14 cm x 22 cm x 3 cm). Inside head dimensions are 2.75"W x 5.5" Deep (7 cm x 14 cm). For ordering, please refer to model numbers 8281 and 9391 in the Ordering Information box.



# HALO II

HALO II is capable of the same type of operations as the HALO I. It is also a true RMS reading ammeter featuring a decimal point display through 199.9 amps and is auto-ranging. It offers the enhancement of having a selectable "peak-hold" or "track" mode. The "peak-hold" operates the same as HALO I, while the "track" allows you to view continuous changes on the display.



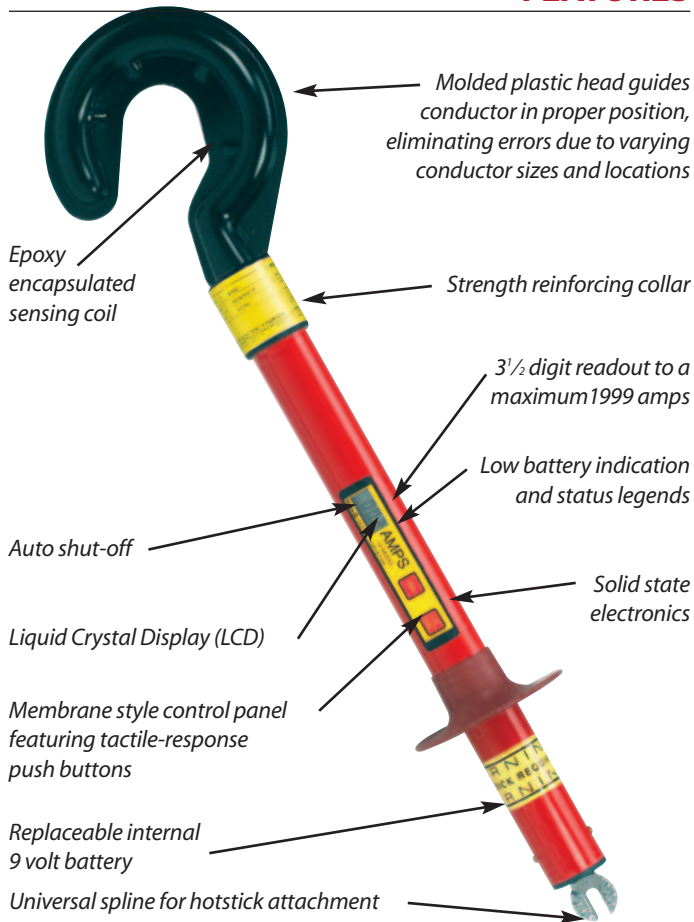
## HALO II SPECIFICATIONS

- Peak Hold and Track Modes
- Auto-ranging LCD display
- True RMS reading
- Display: 3.5 digit, Liquid Crystal Display (LCD)
- Maximum Amperes: 1999
- Minimum Amperes: 0.1
- Overload: Above 1999, display indicates 1
- Display Response Time: 3 seconds to full scale
- Accuracy: +/- 3% of reading +/- 3 counts
- Temperature Range: 0°F - 122°F (-18°C - 50°C)
- Auto shut-off
- Operating Humidity Range: 80% RH at 120°F
- Maximum Voltage: 69kVAC (phase-to-phase)
- Power Supply: Replaceable 9V DC lithium or alkaline battery with 40+ hours of continuous operation
- Control Panel: Membrane type, tactile response
- Dimensions: 28" long (71 cm)
- Dimensions Core Opening:  
2.3" wide x 3.7" deep with conductor centering design (5.8 cm x 9.4 cm)
- Weight: 2 lbs. 13 oz. (1.28 kg)
- Measures current 25 to 1000Hz



Model Number	8280	8281	9390	9391
True RMS Reading	X	X	X	X
Peak Hold Mode	X	X	X	X
Track Mode			X	X
Hook Style Sensing Head	X		X	
Fork Style Sensing Head		X		X
Auto shut-off	X	X	X	X

## FEATURES



## ORDERING INFORMATION

<b>8280</b>	HALO I high voltage true RMS digital ammeter, 0-2000 amps AC with hook style sensing head; includes B-7 soft nylon carrying bag.
<b>8281</b>	HALO I high voltage true RMS digital ammeter, 0-2000 amps AC with fork style sensing head; includes B-7 soft nylon carrying bag.
<b>9390</b>	HALO II high voltage true RMS digital ammeter, 0-2000 amps AC with peak-hold and tracking mode and hook style sensing head; includes B-7 soft nylon carrying bag.
<b>9391</b>	HALO II high voltage true RMS digital ammeter, 0-2000 amps AC with peak-hold and tracking mode and fork style sensing head; includes B-7 soft nylon carrying bag.
<b>B-7</b>	Soft nylon padded carrying bag.
<b>HC-5</b>	Aluminum poly-foam carrying case for HALO NOTE: When the HC-5 case is ordered, the nylon carrying bag is excluded, but may be ordered as an option (see B-7).
<b>S-4H</b>	4' (1.2m) fiberglass hotstick, foam filled, 1-1/4" diameter with universal spline, hand guard and crutch tip.
<b>S-6H</b>	6' (1.8m) fiberglass hotstick, foam filled, 1-1/4" diameter with universal spline, hand guard and crutch tip.
<b>Telescopic Hotsticks</b>	Fiberglass extension hotsticks available. Contact factory for more information.

All sales are subject to the terms and conditions of the Limitation of Warranty and Liability set forth in the product Instruction Manual and at [www.HDElectricCompany.com](http://www.HDElectricCompany.com).

Users must read and agree to the Limitation terms, as stated, before using the product.

HD Electric Company® is committed to ongoing review and improvement of its product lines, and thus reserves the right to modify product design and specifications without notice.

HD Electric Company products are available through HDE® sales representatives worldwide.

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## ACCESSORIES



Every HALO includes a B-7 soft nylon padded carrying bag (except when ordered with a HC-5 carrying case) featuring dual inner compartments, nylon web, carrying handles and full length zipper.



### Aluminum Case, HC-5

Aluminum case with poly-foam interior and steel corners. This case offers maximum protection for the instrument.

Case Weight: 6 lbs. (2.72 kg)

Dimensions: 29" x 9" x 5 1/2"

(74 cm x 23 cm x 14 cm)

### Fixed Length Hotsticks

1 1/4" diameter foam filled fiberglass with universal splines, hand guard and crutch tip. Available in 4' and 6' lengths.



### Telescopic Hotsticks

For use with HALO. Contact factory for more information.