

TAG[®] VOLTAGE DETECTORS

TAG-200, TAG-200/MR and TAG-330 are direct contact voltage detectors for detecting distribution and transmission voltages.

TAG Voltage Detectors quickly test for the presence of voltage to help ensure the safety of line personnel. When in contact with an energized conductor, TAG Voltage Detectors emit an audible and visual alarm to clearly warn the user if the conductor is energized.

Before and after each use, a built-in All-Check™ Self-Test System is used to verify that the instrument is operating properly. Units are designed for overhead and underground applications, with optional underground bushing probes.

FEATURES

- Direct contact voltage detectors give audible and visual indication of the presence of voltage
- Designed to physically contact conductor under test
- Audible and visual alarms
- No on/off or range selector switches - always on
- Designed for rugged field use
- Compact, lightweight and easy to use
- All-Check self testing system
- Water resistant/gasketed housing
- Built-in universal spline for hotstick attachment
- 9-volt lithium or alkaline battery operated
- Carrying case included
- Optional bushing probes for use in underground applications



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A Textron Company

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DISTRIBUTION VOLTAGE DETECTORS

TAG-200 - Single Range Voltage Detector

The TAG-200 is a **single range direct contact voltage detector** that determines if a conductor is energized within its specific voltage setting.

TAG-200/MR - Dual Range Voltage Detector

The TAG-200/MR dual range voltage detector is similar to the TAG-200, except it is a **dual range direct contact voltage detector** having two distinct ranges. It will indicate the presence of voltage and will show which range setting by the number of LED's activated.

The TAG-200/MR has two red LED's and an audible alarm to indicate the presence of voltage.

- If one LED is activated during contact with a conductor, the voltage present is within the lower voltage range.
- If two LED's are activated, the voltage present is within the higher voltage range.

If the TAG-200 or TAG-200/MR are used in situations where the voltage is more than three times higher than the range listed on the product label, it will act as a proximity detector before direct contact is made.

TAG-200 & TAG-200/MR SPECIFICATIONS

Operating Voltage Ranges:

TAG-200 Available Ranges: 4-12kV or 12-35kV (phase-to-phase)

TAG-200/MR Available Ranges: 4kV & 12kV; 4kV & 35kV;

12kV & 35kV (phase-to-phase)

Custom ranges and labeling are available, contact HDE for details.

Power Supply: Field replaceable 9-volt lithium or alkaline battery

Battery Life: Approx. 1 Year

Operating Frequency: 60Hz

Dimensions: Length (without probe attached): 7.5 inches (19.1 cm)

Diameter: 1.9 inches (4.9 cm)

Weight: (without probe attached): 11 ounces (.31 kg)

Temperature Range:

Operating: -15°F to 110°F (-25°C to 40°C)

Storage: -22°F to 131°F (-30°C to 55°C)

Standard Overhead Probes: (for overhead use only)

Overhead Y Probe (TAG-42029)

Overhead Straight Probe (TAG-41811/B)

Carrying Case: Rugged Plastic Case (C-200)

Accessories: See back page



C-200

Plastic Carrying Case for TAG-200 and TAG-200/MR



PROBES included with TAG-200 and TAG-200/MR

TAG-42029 TAG-41811/B



TAG-200 with underground bushing probe for use with underground and pad mounted gear

TRANSMISSION VOLTAGE DETECTORS

TAG-330 Single Range Voltage Detector

The TAG-330 is a direct contact type voltage detector for use on transmission voltages. It is a single range unit that determines if a conductor is energized within its specific voltage setting.

If the TAG-330 is used in situations where the voltage is more than three times higher than the range listed on the product label, the TAG-330 will act as a proximity detector before direct contact is made.

TAG-330 SPECIFICATIONS

Operating Voltage Ranges:

TAG-330 Available Ranges:

69-230kV or 138-500kV (phase-to-phase)

Custom ranges and labeling are available, contact HDE for details

Power Supply: Field replaceable 9-volt lithium or alkaline battery

Battery Life: Approx. 1 Year

Operating Frequency: 60Hz

Dimensions: Length (without probe attached): 8.3 inches (21.1 cm)

Diameter: 3.2 inches (8.13 cm)

Weight: (without probe attached): 1lb. 3 ounces (.59 kg)

Temperature Range:

Operating: -15°F to 110°F (-25°C to 40°C)

Storage: -22°F to 131°F (-30°C to 55°C)

Standard Overhead Probes: (for overhead use only)

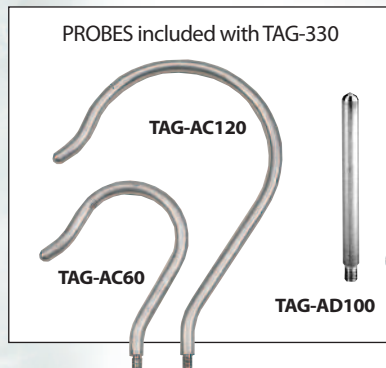
Overhead Straight Probe (TAG-AD100)

Large Overhead Hook Probe (TAG-AC120)

Small Overhead Hook Probe (TAG-AC60)

Carrying Case: Metal Carrying Case (CM-330)

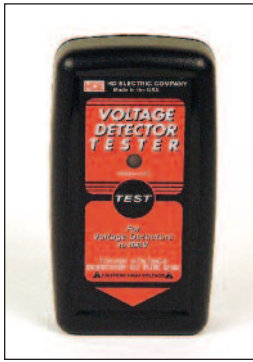
Accessories: See back page



CM-330
Metal Carrying
Case for TAG-330

ELECTRONIC ACOUSTIC AND VISUAL
VOLTAGE DETECTOR TAG330
138/500
11/99
43292
CAUTION
This device has certain operating limits. Read instruction Manual carefully and completely prior to use to maintain safe operating conditions.

ACCESSORIES



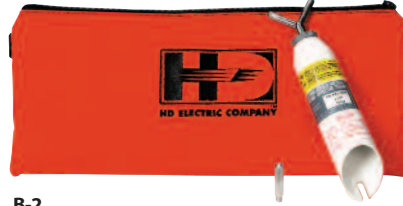
PT-DET
Tests TAG Voltage Detectors up to 69 kV for proper operation



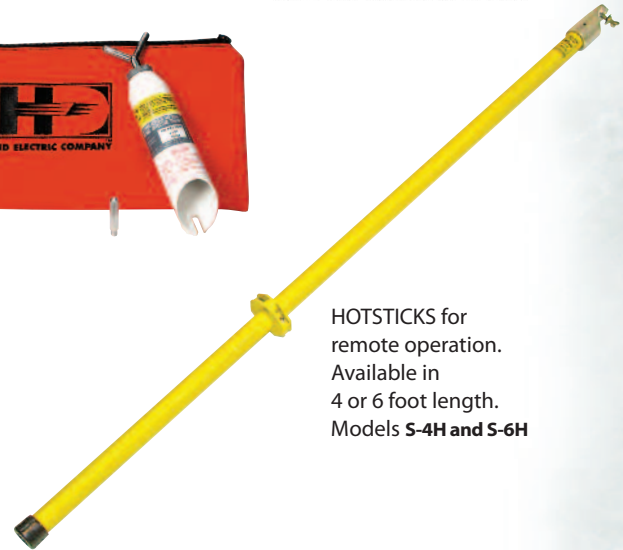
IEP-EA/C
Insulated Underground Bushing Probe



IEP-UD/C
Insulated Underground Bushing Probe



B-2
Carrying Bag for TAG-200 and TAG-200/MR



HOTSTICKS for remote operation. Available in 4 or 6 foot length. Models **S-4H** and **S-6H**

TAG-200 SINGLE RANGE VOLTAGE DETECTOR ORDERING INFORMATION

T200-0412	TAG-200 Direct Contact Voltage Detector, 4kV to 12kV range (phase-to-phase). Includes TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200-1235	TAG-200 Direct Contact Voltage Detector, 12kV to 35kV range (phase-to-phase). Includes TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200/KIT-0412	Kit includes T200-0412 4kV to 12kV range (phase-to-phase), IEP-UD/C underground bushing probe, TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200/KIT-1235	Kit includes T200-1235 12kV to 35kV range (phase-to-phase), IEP-UD/C underground bushing probe, TAG-42029 and TAG-41811/B overhead probes and C-200 case.

Custom ranges and labeling are available, contact HDE for details.

TAG-330 SINGLE RANGE VOLTAGE DETECTOR AND ACCESSORIES ORDERING INFORMATION

T330-069230	TAG-330 Direct Contact Voltage Detector, 69kV to 230kV range (phase-to-phase). Includes TAG-AD100, TAG-AC120 and TAG-AC60 overhead probes and CM-330 case.
T330-138500	TAG-330 Direct Contact Voltage Detector, 138kV to 500kV range (phase-to-phase). Includes TAG-AD100, TAG-AC120 and TAG-AC60 overhead probes and CM-330 case.
TAG-AD100	Overhead straight style probe included with TAG-330.
TAG-AC120	Large overhead hook style probe included with TAG-330.
TAG-AC60	Small overhead hook style probe included with TAG-330.
CM-330	Metal foam filled carrying case included with TAG-330.
PT-DET	Tests T330-069230 for proper operation. Powered by field replaceable 9V lithium or alkaline battery.
S-4H, S-6H	Fixed length hotstick - fiberglass hotstick, foam filled 1-1/2" OD with universal spline, hand guard and crutch tip. Specify 4' or 6' length (1.2m or 1.8m).

Telescopic Hotsticks are available, contact HDE for details.

Custom ranges and labeling are available, contact HDE for details.

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.

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.

TAG-200/MR DUAL RANGE VOLTAGE DETECTOR ORDERING INFORMATION

T200MR-0412	TAG-200/MR Direct Contact Voltage Detector, 4kV and 12kV range (phase-to-phase). Includes TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200MR-0435	TAG-200/MR Direct Contact Voltage Detector, 4kV and 35kV range (phase-to-phase). Includes TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200MR-1235	TAG-200/MR Direct Contact Voltage Detector, 12kV and 35kV range (phase-to-phase). Includes TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200MR/KIT-0412	Kit includes T200MR-0412 4kV and 12kV range (phase-to-phase), IEP-UD/C underground bushing probe, TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200MR/KIT-0435	Kit includes T200MR-0435 4kV and 35kV range (phase-to-phase), IEP-UD/C underground bushing probe, TAG-42029 and TAG-41811/B overhead probes and C-200 case.
T200MR/KIT-1235	Kit includes T200MR-1235 12kV and 35kV range (phase-to-phase), IEP-UD/C underground bushing probe, TAG-42029 and TAG-41811/B overhead probes and C-200 case.

Custom ranges and labeling are available, contact HDE for details.

TAG-200 & TAG-200/MR ACCESSORIES ORDERING INFORMATION

TAG-42029	Overhead Y probe, included with TAG-200 and TAG-200/MR.
TAG-41811/B	Overhead straight probe, included with TAG-200 and TAG-200/MR.
TAG-AC60	Small overhead hook style probe for TAG-200 and TAG-200/MR.
IEP-UD/C	Underground bushing probe for 15/25/35kV class.
IEP-EA/C	Underground bushing probe for 15/25 and Elastimold® 35kV class.
PT-DET	Tests TAG Voltage Detectors up to 69 kV for proper operation. Powered by field replaceable 9V lithium or alkaline battery.
C-200	Carrying case - rugged, foam filled plastic carrying case, included with TAG-200 and TAG-200/MR.
B-2	Carrying bag - padded Cordura zippered carrying bag for TAG-200 and TAG-200/MR. Will hold TAG, probes and underground probe.
HSA-2500	Universal Hotstick Adapter (Shotgun).
S-4H, S-6H	Fixed length hotstick - fiberglass hotstick, foam filled, 1-1/2" OD with universal spline, hand guard and crutch tip. Specify 4' or 6' length (1.2m or 1.8m).

Telescopic Hotsticks and other underground probes are available, contact HDE for details.

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