

AMPROBE®

VolTect™

AMPROBE

TIC 300 PRO
AC Voltage Detector

TEST

ON
OFF

LOW

HIGH

Meet The New Standard

In Non-Contact, High
Voltage Detection

The Amprobe TIC 300 PRO
with VolTect™

TIC 300 PRO with VolTect™ Quick Start Guide



TIC 410A
Hot Stick
Attachment

TIC 300 PRO



On/Off

When the TIC 300 PRO is activated, the blue LED and audible alert will pulse at a slow rate, approximately twice per second.

Self-test

The TEST button should be used to ensure tool is operational. The TEST function will cause the blue LEDs and audible alert to pulse at a continuous rate on either LOW or HIGH range setting.

LOW Range Setting

1. Push ON/OFF button to turn the unit ON. The unit will default to the high voltage setting when powered-up.
2. Push the LOW range button, and the unit is ready for low voltage detection.
3. Place the probe tip near, but not touching, the low (<1000 V) voltage source. See bottom table for range details.
4. If voltage is present, the blue LEDs and audible alert will pulse at an increased rate.

HIGH Range Setting

- (> 1500 V and <122 kV)
(Must use with TIC 410A Hot Stick Attachment)
1. Push ON/OFF button to turn the unit ON. The unit will default to the high voltage setting when powered-up.
 2. Approach the probe tip near, but not touching, the high voltage conductor. See bottom table for range details.
 3. If voltage is present, the blue LEDs and audible alert will pulse at an increased rate.

Low Range Setting

Voltage (Phase to Ground)	Detection Distance (from energized line) Average
30 V	1.5"
75 V	6.5"
100 V	8.5"
120 V	10"
220 V	1'1"
500 V	1'7"
1000 V	2'10"
1500 V	7'9"

High Range Setting

Voltage (Phase to ground)	Detection Distance Average
1.5 kV	1' 2"
2.0 kV	2' 5"
4.0 kV	3"
10.0 kV	6' 3"
25.0 kV	9' 4"
50.0 kV	13' 0"
75.0 kV	14' 8"
100.0 kV	19' 8"
122.0 kV	22' 0"

Meet The New Standard In Non-Contact, High Voltage Detection

The Amprobe TIC 300 PRO with
VolTect™ Non-Contact High
Voltage Detector

Key Features

- **Bright visual and loud audible** voltage indication
- **Self-test** verifies that the tool is operational
- **Push button functionality** for ease of use with PPE gloves
- **Intrinsically safe and MSHA certified**
- **Low range setting:**
30 V ac g 1,500 V ac
- **High range setting:**
1,500 V ac g 122,000 V ac
(must use with TIC 410A Hot Stick Attachment)



For complete information on the TIC 300 PRO, visit amprobe.com
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