



HARD AT WORK SINCE 1948.



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

The Amprobe **TIC 300 PRO** with **VolTect™**



HARD AT WORK SINCE 1948.



SELF-TEST

Low range
30 V to 1,500 V ac

High range
1,500 V to 122k V ac

LED lights

Shotgun adapter
for hot stick attachment

TIC 300 PRO with VolTect™ Quick Start Guide

On/Off Button:

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

SELF-TEST Button:

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.
2. The unit will default to the high voltage setting when powered-up. A twice per second beep will be heard, and the blue LEDs will flash at the same rate.
3. Push the LOW range button, and the unit is ready for low voltage detection.

4. Place the probe tip of the TIC 300 PRO with **VolTect™** near, but not touching the low (<1000 V) voltage source. See bottom table for range details.

5. If voltage is present, the blue LEDs and audible alert will pulse at an increased rate.

HIGH Range Setting

- (> 1500 V and <122 kV)
(TIC 410A Hot Stick must be used)
1. Push the HIGH range setting button.
 2. Approach the probe tip near, but not touching the high voltage conductor. See bottom table for details.
 3. If voltage is present, the blue LEDs and audible alert will pulse at an increased rate.

Sensitivity

Low Voltage

Voltage (Phase to neutral with 890k Ohm load)	Detection Range (From the TIP of probe to the target 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"

High Voltage

Voltage (Open Phase with no load)	Detection Range (From the TIP of probe to the target line)
	Average
1.5 kV	0.5"
2.0 kV	1"
4.0 kV	2"
10.0 kV	8"
15.0 kV	1'2"
20.0 kV	1'8"
25.0 kV	2'2"

TIC 300 PRO with VolTect™

For complete information on the TIC 300 PRO, visit www.Amprobe.com/TIC300PRO



HARD AT WORK SINCE 1948.

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 → 1,500 V ac
- High range setting: 1,500 V ac → 122,000 V ac (with Hot Stick TIC 410A)

For complete information on the TIC 300 PRO, visit www.Amprobe.com/TIC300PRO

Amprobe® info@amprobe.com
Tel: 877-AMPROBE (267-7623)

4159996 A