



# **UNITEST *Polaris*® 3plus** **Voltage and Continuity Tester** **with Rotary Field Indicator** **and Resistance Measurement**

## **Key Functions**

- Voltage measurement
- Contactless voltage indication, quick detection of line interruptions in accessible cables, e.g. cable reels.
- Resistance measurement
- Optical and acoustical continuity test
- Patented, rotary field indicator  
»no third hand required«
- Single pole test for phase detection
- Indication of polarity

## **General Information**

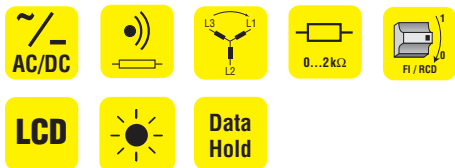
- Additional display for voltages > 50 V
- Convenient and safe for carrying in pockets, no danger of injury
- Automatic, internal load (also for tripping 30 mA RCD)
- Large, easy-to-read LCD
- Backlight

## **Special Features**

- Clip-back Test-probe - no more broken or bent contact probes
- Convenient and safe for carrying in pockets, no danger of injury
- Switchable tone on/off for all measurement functions with acoustical signal

## **Technical Data**

Display	3½ digit, LCD
Voltage Range / Resolution	1...700 V / 1 V AC/DC
Test Current (Voltage)	< 3.5 mA (700 V)
Auto-Power-On	from 1 V AC/DC
Frequency Range	0...400 Hz
Voltage Meas.	0...400 Hz
Frequency Range	50...60 Hz
Phase Rotation Identification	all ranges
Polarity Indication	0...200 kΩ
Continuity Test	5 µA
Test Current	Resistance meas.
Resistance meas.	1...1999 Ω / 1 Ω
Range / Resolution	100...700 V AC
Voltage Range for contactless indication	max. 30 s
Operation Time	Measurement category CAT III, 700 V
Measurement category	Pollution Degree 2
Pollution Degree	Safety complying with <b>new directive for voltage tester IEC61243-3, EN61243-3, DIN VDE 0682-401, IEC61010, EN61010</b>
Safety complying with	IP50
Protection Degree	Power Supply 1 x 9 V, IEC 6LR61
Power Supply	Dimensions 180 x 80 x 36 mm
Dimensions	Weight approx. 250 g
Weight	



USA Patent 4356442    USA Patent 5448162    D Patent 4319643    EU Patent EP 94 110554.6



## **Scope of Supply:**

1 pc UNITEST *Polaris 3plus*  
 1 pc Battery 9V, IEC 6LR61  
 1 pc Instruction Manual

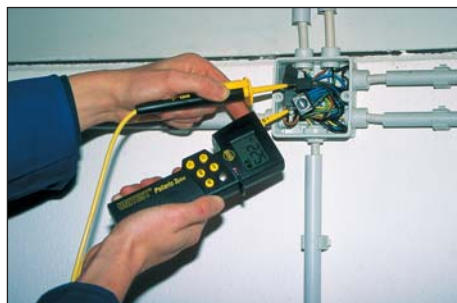


## **Accessories:**

Leather Carrying Case  
 Cat. No. 1094

## **Order Information:**

Description	Cat. No.
UNITEST <i>Polaris 3plus</i>	<b>6733</b>
Leather Carrying Case	<b>1094</b>



Measurement in a distribution box



Phase Rotation Identification



Contactless voltage detection



**The integrated rotary field test within three-phase systems**  
 is based on a new principle via contact electrode,  
 no buttons are required