

# UNITEST TELARIS® Loop

## Key Functions

- Measurement of loop resistance and prospective short circuit current measurement without tripping the RCD
- Line resistance and prospective short circuit current measurement
- Enables the user to measure each conductor resistance independently: PE resistance, phase resistance and neutral resistance
- Voltage and frequency measurement

## General Information

- Integrated memory for approx. 250 measurement values
- Standard, built-in IR RS-232 interface for transferring measurement data to the PC
- UNITEST software for recording test results is available as option
- Integrated socket test with contact electrode to enable the user to quickly establish incorrectly installed sockets and/or protective conductor failures
- Pre-selection of max. admissible contact voltage
- Clear and large LCD providing the user with an optimum visual indication of both test values and limits
- Auto power off

## Special Features

- Patented measurement principle of loop resistance and prospective short circuit current measurement without tripping the RCD

## Technical data

Display	3½ digit; LCD; 1999 Digits
Measurement range / Resolution / Tolerance	0.05...19.99Ω/0.01...1Ω/ ±(5%rdg.+5Digits)
<b>Loop impedance</b>	0.05...19.99Ω/0.01/ ±(5% rdg.+ 5 Digits)
<b>Line resistance</b>	0.05...19.99Ω/0.01/ ±(5% rdg.+ 5 Digits)
<b>Resistance neutral connector</b>	0.05...19.99Ω/0.01/ ±(5% rdg.+ 5 Digits)
<b>Resistance earth connector</b>	0.05...19.99Ω/0.01...1Ω/ ±(5%rdg.+5Digits)
<b>Resistance phase connector</b>	0.05...19.99Ω/0.01/ ±(5% rdg.+ 5 Digits)
Prospective short circuit current	1 A...4.6 kA / 1 A,10 A
<b>Voltage</b>	0...300 V / 1 V / ±(3% rdg.+3 Digits)
<b>Mains frequency</b>	10...200 Hz/0.1 Hz/ ±(1% rdg.+ 2 Digits)
Contact voltage	25 V / 50 V (selectable)
Data memory	approx. 250 Meas. values
Interface	IR / RS-232 interface-adapter
Protection class	II (double insulated)
Safety complying with	IEC61010/EN61010/ DIN VDE 0411 IEC61557/EN61557/ DIN VDE 0413
Overvoltage category	CAT III / 300 V against ground
Pollution degree	2
Protection degree	IP 50
Auto-Power-Off	
Power supply	1 x 9 V, IEC 6LR61
Dimensions	235 x 103 x 70 mm
Weight	approx. 500 g



LCD



## Scope of Supply:

- 1 pc UNITEST TELARIS LOOP
- 1 pc Test lead with Schuko plug system
- 1 pc Test lead 3-pole
- 3 pc Crocodile clamps
- 3 pc Test Probes
- 1 pc Protective Holster
- 1 pc Carrying Case
- 1 pc Battery 9 V, IEC 6LR61
- 1 pc Instruction Manual



## Accessories:

UNITEST Software  
„Report-Studio“  
without interface cable  
Cat.-No. 1204



Interface adapter  
Cat. No. 1157



Professional Carrying Case  
Cat.-No. 1161

## Order Information:

Description	Cat. No.
UNITEST TELARIS Loop	<b>8978</b>
UNITEST Software „Report-Studio“ without interface cable	<b>1204</b>
Interface adapter	<b>1157</b>
Professional Carrying Case	<b>1161</b>