

# UNITEST TELARIS® 0100



## Key Functions

- Loop resistance measurement
- Prospective short circuit current measurement
- RCD measurements (contact voltage, trip time, trip current - ramp method)
- Low Ohm measurement
- Insulation measurement
- Voltage and frequency measurement

## General Information

- Integrated memory for approx. 500 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
- Clear and large LCD providing the user with an optimum visual indication of both test values and limits
- Auto power off

## Technical data

Display	3 1/2 digit; LCD; 1999 Digits
Measurement range / Resolution	
<b>Voltage</b>	0...440 V / 1 V AC/DC
Tolerance	± (3% rdg. +3 Digits)
<b>Frequency</b>	10...99.9 Hz / 0.1 Hz
Tolerance	± (1% rdg. +1 Digit)
<b>Loop resistance</b>	0.05...19.99 Ω / 0.01 Ω
	20...199.9 Ω / 0.1 Ω
	200...1999 Ω / 1 Ω
Tolerance	± (6% rdg. +5 Digit)
Prospective short circuit current	0.10 A...4.6 kA / 0.01 A...0.1 kA
<b>Insulation resistance</b>	0...19.99 MΩ / 0.01 MΩ
	20...199.9 MΩ / 0.1 MΩ
Tolerance	± (5% rdg. +5 Digits)
<b>Low Ohm measurement</b>	0.05...19.99 Ω / 0.01 Ω
Tolerance	± (3% rdg. +5 Digits)
<b>RCD</b> Nominal test current	10, 30, 100, 300, 500 mA
	time delayed: 100, 300, 500 ms
RCD trip time	0...500ms / 1ms
Tolerance	± (2% rdg. +2 Digits)
Data memory:	approx. 500 Meas. values
Interface	IR / RS-232 interface-adapter
Protection class	II (double insulated)
Safety complying with	IEC 61010 / EN 61010 / DIN VDE 0411
	IEC 61557 / EN 61557 / DIN VDE 0413
Overvoltage category	CAT III / 600 V against ground
Pollution degree	2
Protection degree	IP 50
Power supply	6 x 1.5 V, IEC LR6
Auto-Power-Off	
Dimensions	235 x 103 x 70 mm
Weight	approx. 650 g



**LCD**



**Test voltage 500 V**



## Scope of Supply:

- 1 pc UNITEST TELARIS 0100
- 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
- 6 pc Batteries 1.5 V, IEC LR6
- 1 pc Instruction Manual

## Accessories:



UNITEST Software „Report-Studio“ without interface cable  
Cat.-No. 1205



Interface adapter  
Cat. No. 1157



Professional Carrying Case  
Cat.-No. 1161



Test protocol for installation tests (German version only)  
block 100 sheets  
Cat. No. 1248



Test labels 60 x 40 mm (250 pc)  
(German version only)  
Cat. No. 1280



Hole Punch  
Cat. No. 1237

## Order Information:

Description	Cat. No.
UNITEST TELARIS 0100	<b>9057</b>
Windows-Software „Report-Studio“	
without interface cable	<b>1205</b>
Interface adapter	<b>1157</b>
Professional Carrying Case	<b>1161</b>
Test protocol	<b>1248</b>
Test labels 60 x 40 mm	<b>1280</b>
Hole Punch	<b>1237</b>