Model: 2005

The UNITEST Cable Length Meters are measurement instruments for swift, easy, and precise determination of the lengths of a cable or a conductor.

Connect the instrument by means of the two alligator clamps (Kelvin clamps) supplied to both cable or conductor end and set the respective measurement range.

The conductor length is clearly indicated on the digital display.

The UNITEST Cable Length Meters enable the measurement of the most conventional cable cross sections in copper or aluminium.

Additionally, 84 freely adjustable cable cross sections are available for programming and measurement.

The built-in memory is used to save test results and to transfer via interface to a PC.

RS 232　**Memory**　Ⓓ **Patent** 3635518

Features:

● Cable length measurement by four pole method (Kelvin method), access is needed to beginning and end of cable

● Resistance measurement

● Acoustic continuity test

● 56 pre-set measurement ranges (the most common cable types)

● 84 variable measurement ranges for user specific cable types

● Cable Max length measurement up to 20 km

● Backlight

● External, internal or manual temperature compensation for exact measurement results

● Quick reference guides with directions for use and cable types

● Auto power off

● Internal memory for the storage of up to 500 measuring values (For inventory, mass measuring, measuring length of cable left on a reel ...)

● RS232 interface for transfer and further PC processing of measurement data

● Cumulate memory for storage and addition of several reels of the same cable type

Can be used for single-wire cables

Scope of Supply:

1 pc UNITEST Cable Length Meter 3000

2 pc Test Leads

1 pc Protective Rubber Holster

1 pc 15m Calibration Cable

1 pc Battery 9V, IEC 6LR61

2 pc Quick Reference Guides

1 pc Carrying Case

1 pc Instruction Manual

Technical Data:

Display	$4^1/_2$ Digit LCD, 19999 Digits
Measurement Range / Resolution	0...2000 m / 0.1m
	0...20.000 m / 1 m
Tolerance	± (2% rdg. + 5 Digit)
Cross Sections	0,05...500 mm2
	1…28 AWG
	250…500MCM
Resistance / Resolution	0,5...2000Ω / 0.01Ω
Tolerance	± (2% rdg. + 5 Digit)
Continuity	R < 10Ω
Power Supply	1 x 9 V, IEC 6LR61
Dimensions	193 x 91 x 50 mm
Weight	approx. 510 g

Option Order:

1 pc RS232 Interface cable

1 pc UNITEST Software "Report-Studio universal"

10pc Copper Nails (For the measurement of a thick cable)