

Model: 2006



Features:

- Cable length measurement by pulse reflection measurement, only one cable end (with two wires) required
- Resistance measurement
- Acoustic continuity test
- 58 fixed, pre-programmed measurement ranges, representing the most common cable types
- 87 variable measurement ranges, individually programmable by the user to measure customer specific conductor and cable types
- Cable and conductor length measurement up to max approx. 2000 m (depending on the cable type)
- Backlight
- Detection of line interruptions or short-circuits to assist trouble shooting, in one or more strands of a multicore cable
- Quick reference guides with directions for use and cable types
- Automatic power off
- Internal data memory to save 900 values (for inventories, 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

Cannot only used for multi-wire conductors !

Scope of Supply:

- 1 pc UNITECH Echometer 3000
- 1 pc Test Leads red/black
- 1 pc Protective Rubber Holster
- 2 pc Crocodile Clamps
- 2 pc Test Probes
- 3 pc Quick Reference Guides
- 1 pc Battery 9V, IEC 6LR61
- 1 pc Carrying Case
- 1 pc Instruction Manual

Option Order:

- 1 pc RS232 Interface cable
- 1 pc UNITECH Software "Report-Studio universal"

The UNITECH Echometers are measurement instruments for swift, easy and precise determination of the length of a cable or a conductor as well as for resistance measurements.

The cable length determination is carried out in accordance with the pulse reflection procedure.

Hereby, pulses are sent into a cable which "travel" at a certain velocity along the cable. If these pulses hit the cable end they are reflected and return to the starting point.

The UNITECH Echometer 3000 calculates the cable length on the basis of time difference between emission and reception of the pulses.

If a short-circuit or an interruption is present in the conductor to be measured the digital display indicates the length of the conductor up to the fault location. This allows an easy and fast fault localization.

Technical Data:

Display	4 ¹ / ₂ digit LCD, 19999 digits
Measurement ranges	0...2000m or attenuation limit
Resolution	0.1m
Basic tolerance	± (2% rdg + 3m)
Resistance	0...2000 Ohm
Resolution	0.1 Ohm
Tolerance	± (2% rdg + 5 digits)
Continuity	< 10 Ohm
Test current	approx. 1mA
Power supply	1x9V, IEC 6LR61
Dimensions	193x91x50mm
Weight	approx. 510g

