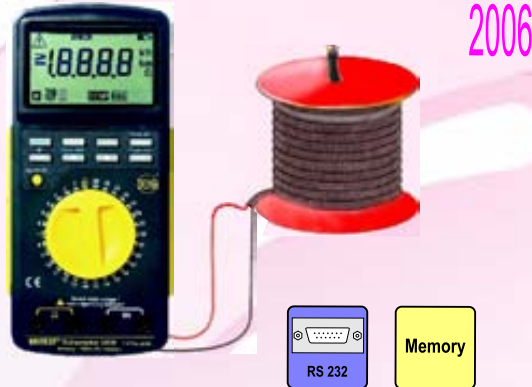


The Echometer operates on the basis of pulse reflection. The Echometer emit a pulse which travels along the cable. Once this meets the end of the cable, it is reflected and returned to the Echometer. The required travel time between emission and reception is measured and directly indicated on the display i.e., in practical applications only one cable end is required which results in time saving when measuring cables. Line interruptions can be detected and displayed using the same principle.

The Echometer 2006 is equipped with 58 fixed, pre-programmed measurement ranges, representing the most common cable types. To measure customer specific conductors or cables, 87 variable measurement ranges can be individually programmed by the user.



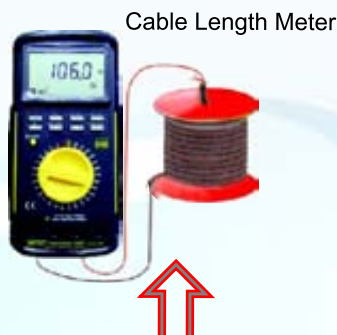
FEATURES

- ▶ Cable Length measurement by pulse reflection.
- ▶ 58 fixed pre-programmed measurement ranges representing the most common cable types.
- ▶ 87 variable measurement ranges for user specific cable types.
- ▶ Cable Length measurement upto 2000m.
- ▶ Resistance measurement & Acoustic Continuity test.
- ▶ Internal memory for the storage of upto 900 measuring values.
- ▶ RS 232 interface for transfer & further PC processing of measurement data.
- ▶ Back Light and Auto Power Off.

TECHNICAL SPECIFICATION

Display	: 4½ Digit, LCD, 19 999 Digits
Measuring Range/Resolution	: 0 to 2000 m/0.1 m or attenuation limit
Tolerance	: ± (2% rdg. + 3m)
Resistance	: 0 to 2000 Ω /0.1 Ω
Tolerance	: ± (2% rdg. + 5 digits)
Continuity	: < 10 Ω
Test Current	: app. 1 mA
Memory Capacity	: 500 data strings
Current Consumption	: 25 mA / Max. 75 mA
Auto Power Off	: after approx. 5 min.
Power Supply	: 1 x 9 V, IEC 6LR61
Dimensions	: 193 x 91 x 50 mm

The difference between Cable Length Meter and Echometer



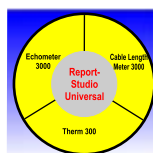
Access is needed to both ends of cable. Can be used for single wire conductors.



Access is needed only to one end of cable with minimum 2 Wires. Can not be used for single wire conductors.

KEY FUNCTIONS OF SOFTWARE

- ▶ Easy software for reporting measurement data.
- ▶ Measurement data transfer from test instrument to PC.
- ▶ Print of test reports for electrical systems.
- ▶ Tabular display of measurement values.



SOFTWARE REPORT STUDIO UNIVERSAL (Optional)

Cable length meters 2005 & 2006 can be supplied with customer friendly, windows version, data reporting software. It is designed to protocol and administer all electrical measurements. The programme is structured as a database. The customer data is sorted alphabetically by customer name. Test data are stored in excel files.