



Hoyt Milliohm & Ohm Meters

Digital Milliohm Meters

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Digital Ohm Meters

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Milliohm Meters

4136 MO Milliohm Meter Power Source : 110V AC or 230V AC

Features

- Microprocessor-controlled.
- Four terminal measurement.
- Measures down to 100 $\mu\Omega$.
- 5 Ranges from 200.0m Ω to 2000 Ω .
- Maximum resolution of 100 $\mu\Omega$.
- Three test currents with over-temperature protection.
- Protection against inadvertent connection to over voltage.
- Large LCD.
- Potential lead resistance and current lead resistance checks.
- "Full-featured" EnerSave™ inside.
- EnerSave™ Auto hold.
- EnerSave™ Auto off.
- Lightweight, robust & compact.
- Indicators show if reading may be invalid (RP, RC, and temperature).
- "O-Ring" sealed case.

Specifications

Measuring ranges	0-200.0m Ω in steps of 100 $\mu\Omega$ 0-2000m Ω in steps of 1m Ω 0-20.00 Ω in steps of 10m Ω 0-200.0 Ω in steps of 100m Ω 0-2000 Ω in steps of 1 Ω
Accuracy	$\pm 0.5\%$ of reading ± 2 digits over the operating temperature range, -15°C to +55°C, with the supplied test leads
Test current	1mA \Rightarrow 2000 Ω range 10mA \Rightarrow 200 / 20 Ω ranges 100mA \Rightarrow 2000m / 200m Ω ranges
Test current accuracy	$\pm 0.1\%$
Protection fuses	Mains = 0.5A, HBC, 5 \times 20mm, DIN Current = 0.5A, HBC, 5 \times 20mm, DIN Voltage = 0.5A, HBC, 5 \times 20mm, DIN
Maximum output voltage (C1~C2)	20V

General

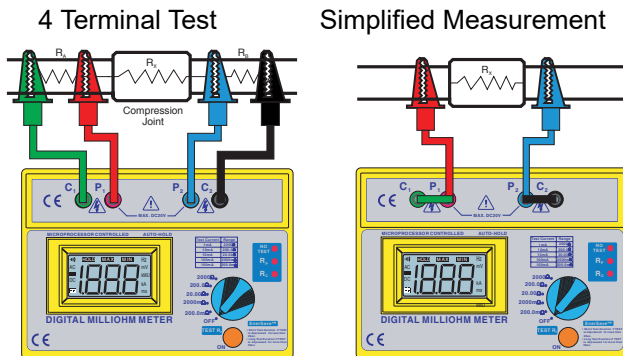
Dimensions	250(L) \times 190(W) \times 110(D)mm
Weight	1530g
Safety standard	EN 61010-1 CAT IV 20V EN 61326-1

Accessories

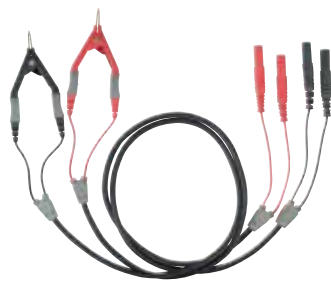
- Instruction manual
- Test leads
- Shoulder belt



CE



AL-34B



TEL-4136C B
(optional)

Milliohm Meters

4137 MO Milliohm Meter Power Source : 12V DC

Features

- Microprocessor-controlled.
- Four terminal measurement.
- Measures down to 100 $\mu\Omega$.
- 5 Ranges from 200.0m Ω to 2000 Ω .
- Maximum resolution of 100 $\mu\Omega$.
- Three test currents with over-temperature protection.
- Protection against inadvertent connection to over voltage.
- Large LCD.
- Potential lead resistance and current lead resistance checks.
- "Full-featured" EnerSave™ inside.
- EnerSave™ Auto hold.
- EnerSave™ Auto off.
- Lightweight, robust & compact.
- Indicators show if reading may be invalid (RP, RC, and temperature).
- "O-Ring" sealed case.

Specifications

Measuring ranges	0-200.0m Ω in steps of 100 $\mu\Omega$
	0-2000m Ω in steps of 1m Ω
	0-20.00 Ω in steps of 10m Ω
	0-200.0 Ω in steps of 100m Ω
	0-2000 Ω in steps of 1 Ω
Accuracy	$\pm 0.5\%$ of reading ± 2 digits over the operating temperature range, -15°C to +55°C, with the supplied test leads
	1mA=>2000 Ω range 10mA=>200 / 20 Ω ranges 100mA=>2000m / 200m Ω ranges
Test current	
Test current accuracy	$\pm 0.1\%$
Protection fuses	Mains = 0.5A, HBC, 5 × 20mm, DIN Current = 0.5A, HBC, 5 × 20mm, DIN Voltage = 0.5A, HBC, 5 × 20mm, DIN
Maximum output voltage (C1~C2)	20V

General

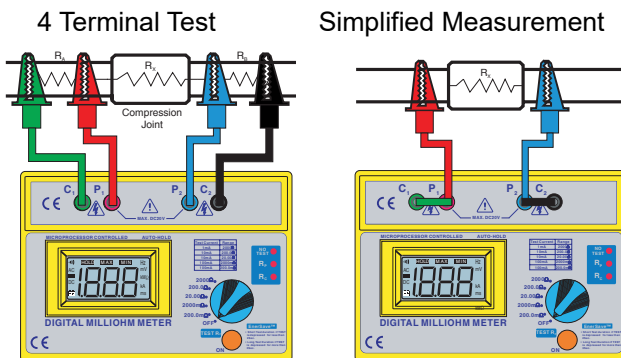
Dimensions	250(L) × 190(W) × 110(D)mm
Weight	1530g
Safety standard	EN 61010-1 CAT IV 20V EN 61326-1

Accessories

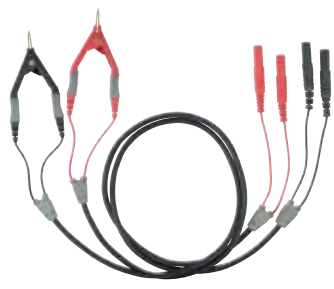
- Instruction manual
- Test leads
- Shoulder belt
- 1.5V (AA) × 8



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AL-34B



TEL-4136C B
(optional)



4338 MO Digital Milliohm Meter and Resistance Tester

Features

- 4-Wire method for mΩ.
- It's about 100mA at 1100.0mΩ range.
- It's about 10mA at 11000mΩ range.
- Measures down to 100μΩ (0.1mΩ).
- Maximum resolution of 100μΩ.
- Large LCD (68×34mm).
- Relative mode.
- Data hold function.
- MAX/MIN function.
- Power source: 1.5V "C" battery × 8
- Long battery life and stable power.
- Low battery indication.

Specifications

mΩ measurement (4-wire method)

Measuring ranges (mΩ)	0~1100.0mΩ in steps of 100uΩ 0~11000mΩ in steps of 1mΩ
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Accuracy	±0.8% of reading ±4 digits over the operating temperature range 0°C ~ 40°C, with the supplied test leads
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Resistance measurement(Auto-ranging/ 2-wire method)

Range	Resolution	Accuracy
110.00Ω	0.01Ω	
1.1000kΩ	0.1Ω	0~2MΩ: ±(1.2%rdg+3dgt)
11.000kΩ	1Ω	2~40MΩ: ±(2.0%rdg+4dgt)
110.00kΩ	10Ω	40~110MΩ: ±(8.0%rdg+4dgt)
1.1000MΩ	100Ω	
11.000MΩ	1KΩ	
110.0MΩ	100KΩ	

General

Protection fuse	200mA/250V×1
Dimensions	250(L) × 190(W) × 126(D)mm
Weight (battery included)	Approx. 1848g
Power source	1.5V "C" battery × 8
Safety standard	EN 61010-1 EN 61326-1

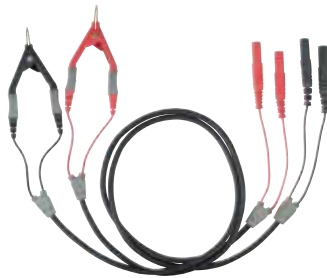
Accessories

- Instruction manual
- Test leads
- Shoulder belt
- Batteries

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AL-34B



TEL-4136C B
(optional)



Special Resistance Test Lead

AL-33B



BET-2800

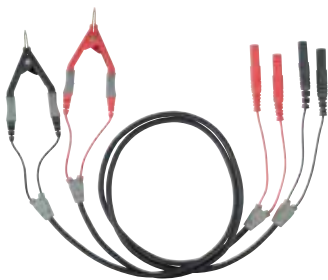
4538 MO Digital Milliohm Meter

IP65

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AL-34B



TEL-4136C B
(optional)



BET-2800

Features

- Protection class: IP65 (Lid closed)
- 4-Wire method for mΩ measurement.
- Measures down to 100μΩ (0.1mΩ).
- Maximum resolution of 100μΩ.
- 4 Lines × 20 Characters large LCD.
- 200 measurement results can be saved in the memory and recalled on the display.
- Auto power off.
- Data hold function.
- MAX/MIN function.
- Power source: 1.5V "C" battery × 8
- Long battery life and stable power.
- Low battery indication.

Specifications

Measuring ranges (mΩ)	0~200.0mΩ in steps of 100uΩ
	0~2000mΩ in steps of 1mΩ
	0~20.00Ω in steps of 10mΩ
	0~200.0Ω in steps of 100mΩ
	0~2000Ω in steps of 1Ω
Accuracy	0.8% of reading ±4 digits over the operating temperature range 0°C ~ 40°C, with the supplied test leads
Test current	100mA: 200.0mΩ / 2000mΩ
	10mA: 20.00Ω / 200.0Ω
	1mA: 2000Ω.
Protection fuse	200mA/250V×1

General

Operating temperature	0°C ~ 40°C
Operating humidity	80% Maximum
Dimensions	250(L) × 190(W) × 126(D)mm
Weight (battery included)	Approx. 2035g
Power source	1.5V "C" battery × 8
Safety standard	EN 61010-1 CAT III 300V EN 61326-1

Accessories

- Instruction manual
- Test leads
- Shoulder belt
- Batteries

6237 DLRO Low Resistance Ohm Meter



CE

Features

- Microprocessor-controlled.
- Measure down to $1\mu\Omega$.
- 6 ranges from $2.000\text{m}\Omega$ to 200.0Ω .
- Maximum resolution of $1\mu\Omega$.
- Three test currents with over-temperature protection.
- Four terminal measurement.
- Protection against inadvertent connection to overvoltage. (crow bars for current and voltage)
- Clear & large LCD.
- Potential lead resistance and current lead resistance checks.
- "Full-featured" EnerSave™ Inside.
- EnerSave™ Auto-hold.
- EnerSave™ Auto-off.
- Rechargeable battery operated
- Robust & compact.
- Indicators show if reading may be invalid (RP, RC, and temperature).
- "O-Ring" sealed case.

Specifications

Low resistance ranges / resolution	0-2.000m Ω / $1\mu\Omega$ 0-20.00m Ω / $10\mu\Omega$ 0-200.0m Ω / $100\mu\Omega$ 0-2.000 Ω / $1\text{m}\Omega$ 0-20.00 Ω / $10\text{m}\Omega$ 0-200.0 Ω / $100\text{m}\Omega$
Accuracy	0-2.000m Ω : $\pm(5\%\text{rdg}+5\text{dgt})$ 0-20.00m Ω : $\pm(4\%\text{rdg}+4\text{dgt})$ 0-200.0m Ω : $\pm(4\%\text{rdg}+4\text{dgt})$ 0-2.000 Ω : $\pm(3\%\text{rdg}+4\text{dgt})$ 0-20.00 Ω : $\pm(2\%\text{rdg}+4\text{dgt})$ 0-200.0 Ω : $\pm(2\%\text{rdg}+4\text{dgt})$
Test current (dc)	2.000m Ω to 200.0m Ω : $1\text{A}\pm 3\%$ 200.0m Ω to 20.0 Ω : $100\text{mA}\pm 2\%$ 200.0 Ω : $10\text{mA}\pm 1.5\%$
Maximum output voltage (C1~C2)	10V

General

Dimensions	330(L) × 260(W) × 160(D)mm
Weight	Approx. 3200g (battery included)
Power source	Rechargeable battery
Safety standard	EN 61010-1 EN 61326-1

Accessories

- Instruction manual
- Test leads
- Charger



ISL-6237

CHA-17V



AL-34B