

Micro Junior 2: Fully Automatic, 10 Amp Battery-Operated Micro Ohm Meter

Features

- Pure, filtered DC power source for the highest accuracy readings
- Complete automatic calibration system and system diagnostics
- Automatic measurements of resistance from 0.00μΩ ... 400kΩ
- Microprocessor-based system with internal storage for over 2,000 test results
- Single or continuous measurements with automatic data storage
- Preset a number of tests, at various timed intervals, for automatic data storage
- Automatic current reversal mode for highest accuracy
- Cable length correction for Cable Manufacturer
- Internal printer
- Printing and storing of test results while the test system is measuring
- Lithium-Ion Battery power source
- Standard RS-232 (serial) interface
- Runs for more than 5 hours continuously at 10 amps
- Single push button operation
- Response time less than 2 seconds
- LCD display screen with back light
- 5-Year standard warranty



Micro Junior 2

Accuracy

Current Range	Measuring Range	Accuracy	Resolution
10 A F/R*	0.00 μΩ ... 40 mΩ	± 0.1% Rdg ± 0.01 μΩ	5 Digits or 0.01 μΩ
10 A	0.0 μΩ ... 40 mΩ	± 0.1% Rdg ± 1 μΩ	5 Digits or 0.1 μΩ
1 A F/R*	0.0 μΩ ... 1 Ω	± 0.1% Rdg ± 1 μΩ	5 Digits or 0.1 μΩ
1 A	0.000 mΩ ... 1 Ω	± 0.1% Rdg ± 10 μΩ	5 Digits or 0.001 mΩ
0.1 A	0.00 mΩ ... 10 Ω	± 0.1% Rdg ± 0.1 mΩ	5 Digits or 0.01 mΩ
10 mA	0.0 mΩ ... 400 Ω	± 0.1% Rdg ± 1 mΩ	5 Digits or 0.1 mΩ
1 mA	0.0 Ω ... 40 kΩ	± 0.1% Rdg ± 0.1 Ω	5 Digits or 0.1 Ω
1 mA	40 kΩ ... 400 kΩ	± 0.1% Rdg	5 Digits

*F/R = automatic Forward / Reverse current measurements

Specs

Size: L: 410 mm (16.1") W: 337 mm (13.3") H: 178 mm (7")

Power: Lithium-Ion battery, 16.4V / 6Ah

Panel Display: LCD graphic with back light

Interface: 9 Pin RS-232 serial

Resistance Range: 0.00μΩ to 400kΩ

Temperature: **Operating:** -10°C to 60°C (14°F to 140°F); **Storage:** -20°C to 70°C (-4°F to 158°F)

See Instruction Manual for more parameters. Specifications subject to improvements at any time.

Weight: 5.9 kg (13 lbs.)

Test Current: User selectable: 10, 1, 0.1, 0.01, 0.001A DC

Front Panel: Sealed, anodized with a multi-actuation rotary knob

Memory Storage: Internally stores up to 2,000 test results

Standard Accessories Included

Current and Potential Lead Set, Positive and Negative – 5m (16 ft.)

Cable Bag with Shoulder Strap

RS-232 Cable – 3m (10 ft.)

Ground Lead – 5m (16 ft.)

Lithium-Ion Battery Charger with power cord

Paper Refill for Printer, 5 rolls

Instruction Manual

Certificate of Accuracy

Optional Items Available

2020N-26002: Temperature Probe – 10m (32 ft.)

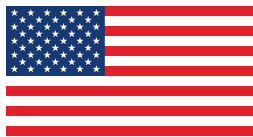
2020N-33001: Kelvin Spike Probes – 4m (13 ft.)

2020N-15001: Annual Warranty Extension

Raytech is a world leader in the design and manufacture of precision electronic measuring instruments and systems. The unique design approach of the engineering team at Raytech has resulted in the development of highly regarded measuring instruments, which have set new standards in the electrical testing industry.

Our exceptional reputation for support and service is unmatched.

Raytech products are designed for many years of trouble-free use, which is why we can offer a **standard 5-year warranty** – guaranteeing the highest quality instrumentation available.



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