

# Micro Junior 2

## SPECIFICATIONS:

MODEL:	Micro Junior – 2 10 Amp Contact Resistance Meter
SIZE:	L: 16.1" (410mm) W: 13.3" (337mm) H: 7" (178mm)
WEIGHT:	13 lbs. (5.9 kg)
BATTERY:	Lithium-Ion, 14.8V/6Ah
INPUT POWER:	100 to 240 VAC 50 / 60 Hz, Autoranging
TEST CURRENT:	User Selectable: 10, 1, 0.1, 0.01, 0.001 A DC
PANEL DISPLAY:	LCD Graphic with backlight
FRONT PANEL:	Sealed, Anodized with a multi-actuation rotary knob
INTERFACE:	9 Pin RS232 serial
PRINTER:	Internal panel mount
MEMORY STORAGE:	Internally stores up to 2000 complete test results
RESISTANCE RANGE:	0.1 $\mu\Omega$ to 400 k $\Omega$
TEMPERATURE:	Operating: -10° C to 60° C Storage: -20° C to 70° C

Current Range	Measuring Range	Accuracy	Resolution
10 Amp *F/R	0.1 $\mu\Omega$ ... 40m $\Omega$	$\pm 0.1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits or 0.01 $\mu\Omega$
10 Amp	1 $\mu\Omega$ ... 40m $\Omega$	$\pm 1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits or 0.1 $\mu\Omega$
1 Amp *F/R	1 $\mu\Omega$ ... 1 $\Omega$	$\pm 1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits
1 Amp	10 $\mu\Omega$ ... 1 $\Omega$	$\pm 1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits
0.1 Amp	100 $\mu\Omega$ ... 10 $\Omega$	$\pm 0.1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits
10 mAmp	1 m $\Omega$ ... 400 $\Omega$	$\pm 1 \mu\Omega \pm 0.1\% \text{ Rdg}$	5 Digits
1 mAmp	10 m $\Omega$ ... 40k $\Omega$	$\pm 10 \text{ m}\Omega \pm 0.1\% \text{ Rdg}$	5 Digits
1 mAmp	40k $\Omega$ ... 400k $\Omega$	$\pm 10 \text{ m}\Omega \pm 1\% \text{ Rdg}$	5 Digits

\* F/R = Automatic Forward / Reverse current measurements

## FEATURES:

- Large LCD display with backlight
- Built in panel-mount printer
- Optional external power supply for Winding Resistance (WR50-1A)
- Highest precision measurement available
- Fully automatic, microprocessor controlled
- Rechargeable Lithium-Ion battery
- Wide measuring range
- Measurements with forward & reverse current
- Automatic measurement detection mode
- Automatic measurement storage
- Self calibrating
- Continuous measurement mode
- Extremely rugged waterproof case
- 5 year standard warranty



## STANDARD ITEMS:

- 5 meter current leads (positive and negative)
- 5 meter potential leads (positive and negative)
- 5 meter safety ground lead
- Lithium-Ion Battery (internal) and charger
- 3 meter RS-232 cable
- Cable bag
- Instruction manual
- Certificate of Accuracy

## OPTIONAL ITEMS:

- Kelvin Spike Probes (MJ04)
- Temperature Probe (TP02)
- Annual Warranty Extension