

14. Specifications

The RT3-100P and RT3-100L have the same specifications except that Momentary or Continuous operating modes are used instead of the Long Pulse/Short Pulse modes, and battery specifications do not apply to the RT3-100L.

Power Source: RT3-100L	115VAC 60Hz 720 watts or 230VAC 50Hz 720 watts
RT3-100P	115VAC 60Hz 50 watts, plus rechargeable battery or 230VAC 50Hz 50 watts, plus rechargeable battery
Accuracy	0.25% of reading ± 1 microhm
Resolution: 0 to 1999 microhm range	1 microhm (0.1 $\mu\Omega$ optional)
0 to 19.99 microhm range	10 microhms
Temperature Coefficient	Less than 0.02% per °C
Range	0 to 1999 microhms, 0 to 19.99 microhms
Test Current	100 amps
Test Modes	Short (RT3-100P) or Momentary (RT3-100L) duration current flow for purely resistive loads. Long (RT3-100P) or Continuous (RT3-100L) duration current flow for inductive loads.
Battery Capacity	More than 350 short readings or 35 long readings. (RT3-100P)
Battery Charge Time	12 to 14 hours (RT3-100P)
Weight	27 lbs. (RT3-100P); 25 lbs. (RT3-100L)
Size	16" x 10" x 12"
Operating Temperature Range	20°F to 140°F
Charger Temperature Range	40°F to 85°F (RT3-100P)
Test Leads	20 ft standard