

Russell portable Conductivity meters are designed for value and flexibility for use in the lab or in the field. These convenient meters offer a basic feature set for routine measurements with an intuitive easy-to-use interface.

Russell RL060C

Conductivity/Temperature



Basic Portable Conductivity/Temperature Meter Russell RL060C

- 1, 2 or 3 point calibration (1 per range)
- Simple operation yet accurate results
- Auto-ranging capability detects appropriate measurement range

The Russell RL060C Conductivity meter from Thermo Electron is a rugged, affordable meter ideal for measurements in the plant or field. The meter has a splash-proof keypad and has an optional boot that makes bench top operation easy and the large liquid crystal display (LCD) provides easy viewing of units of measure or error codes. Simple four-button operation makes this the meter of

choice for many applications.

Auto-ranging capabilities provides the user with +/- full scale accuracy with fast repeatable results. The Meter and electrode packages includes your choice of a Russell RL060C meter and conductivity probe with the option of the addition of a boot for ease of use on the laboratory bench.

Russell RL060C Specifications

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		Specification	Benefit
Conductivity	Range	0 to 199.9 μ S/cm	
		0 to 1999 μ S/cm	
		0 to 19.99 mS/cm	
	Resolution	0.1 μ S/cm	
		1 μ S/cm	
		0.01 mS/cm	
Accuracy	+/- 1% full scale		
Calibration points	1, 2, 3 (1 per range)	Improved accuracy	
Temperature	Range	0.0 to 100 $^{\circ}$ C	
	Temperature Compensation	Auto/Manual	
	Resolution	0.1 $^{\circ}$ C	
	Accuracy	+/- 0.5 $^{\circ}$ C	
	Temperature Coefficient	2% / $^{\circ}$ C	
Auto-ranging capability		Yes	
Hold function		Yes	
Display		Custom LCD	Easy to read
Auto off		after 17 minutes	Saves battery life
Power Requirements		4 AAA batteries	Worldwide operation
Battery life		> 100 hours	

* System accuracy depends on all choice and measurement conditions.

Above data generated under optimal/controlled circumstances.

Russell RL060C Ordering Information

Package Includes	Cat. No. for Meter Package	Replacement Electrode Cat.No.
Conductivity portable meter w/ holder & meter stand, and probe	5124002	014005
Conductivity portable meter with probe	5224003	014005

*Meters include 4-AAA batteries

**014005 - Epoxy-body conductivity cell (K=1.0) with 2-pin stainless steel electrode and built-in temperature sensor

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