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Transcat RTD Simulators

- Two Ranges: 10.000 to 1111.110 Ohms and 100.00 to 11111.10Ω
- Accuracy ±0.01% or ±0.005%
- Six Decades with 1 Milliohm Resolution (7010T)
- Switch Life: More than 100,000 Operations

Two Models Substitute for Any RTD

Use these simulators in place of RTDs, then test, analyze, or calibrate the remaining instruments precisely and quickly. With the RTD out and the simulator in, any temperature-equivalent resistance in the range can be selected on the error-free in-line readout dial. Graduations are in steps of 1 milliohm.

Special circuitry reduces "zero" resistance and contact resistance values to the point where they are negligible. The absolute setting accuracy of ±0.01% or ±0.005% applies over the entire range. As a result, the accuracy problems most often encountered with a typical resistance decade box are virtually eliminated.

Specifications

Resistance Range:	7010T: 10.000 ohms to 1111.110 ohms 7011T: 100.00 ohms to 11111.10 ohms
Number of Decades:	6
Absolute Accuracy of Setting:	±0.01% (7010T); ±0.005% (7010T-1 and 7011T)
Switch Life Rating:	More than 100,000 operations
Dimensions:	4 x 17 x 3 1/8" HWD



▲ 7010T

Ordering Information

Order #	Description	Price
MP7010T	RTD Simulator, 10 to 1111 Ohms, 0.01%	
MP7010T-1	RTD Simulator, 10 to 1111 Ohms, 0.005%	
MP7011T	RTD Simulator, 100 to 11111 Ohms 0.005%	
MP22164E	Test Leads (1 pair)	

Transcat Accredited Calibration with Data

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Calibration Instruments

Transcat RTD Simulators

- Range: 20.00 Ohms to 1121.10 Ohms
- Accuracy of Setting: ±0.02%
- Five Decades with 10 Milliohm Resolution
- Switch Life: More than 50,000 Operations

Substitute this simulator for any RTD and test, analyze, or calibrate the remaining instruments easily and accurately. Any temperature-equivalent resistance from 20 ohms to 1121.10 ohms can be selected on the error-free in-line thumb wheel switches. Graduations are in steps of 10 milliohms. With the 7015T in place, all remaining systems can be checked and exercised.

The 7015T's special circuitry reduces the "zero" resistance and contact resistance to negligible values. The absolute setting accuracy of ±0.02% applies over the entire operating range. So the accuracy problems often encountered with a typical resistance decade box are virtually eliminated.

Specifications

Resistance Range:	20.00 ohms to 1121.10 ohms
Number of Decades:	5
Absolute Accuracy of Setting	±0.02%
Switch Life Rating:	More than 50,000 Operations
Dimensions:	3 x 5.25 x 4" HWD



▲ 7015T

Ordering Information

Order #	Description	Price
MP7015T	RTD Simulator	
MP22164E	Test Leads (1 pair)	

Transcat Accredited Calibration with Data

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