



TS111-3 Railroad Tester

Multimeter for Railroad Servicing

Specifically suited for railroad operation, the TS111-3 provides a direct readout in percent of the coded track pulse "On" time and a built-in pointer stop for measuring peak currents. A special "Power On" warning circuit prevents damage to the meter during resistance measurements. The foam-padded, nylon water-repellent case protects your TS111-3 both in storage and transport. A convenient pocket stores leads while they are attached to the instrument.

- Single Range and Function Selector Switch
- Measures AC Voltages Even When AC is Superimposed on DC Track Signals
- Peak Current Measurement with No Pointer Oscillation, No Guesswork
- Special Test Leads and Carrying Case are Included



Specifications

DC VOLTAGE

Ranges	Accuracy
600mV, 3V, 15V, 60V, 300V (1 K per volt)	±2% full scale and ±1% full scale on 3V Range

AC VOLTAGE

Ranges	Accuracy
3V, 15V, 150V, 600V (300 per volt)	±3% full scale

RESISTANCE

Ranges	R x 1, R x 100 - Center Values: 5
Accuracy	±5% of Center Scale, ±10% of Scale End

CURRENT

Ranges: 15mA, 60mA, 300mA, 1.5A, 6A, 30A (DC)

Ranges: 3A, 30A (AC)

PERCENT "ON"

Time: 0-100% (for Pulses Over 30 Per Minute)

Accuracy: ± 2% full scale (10-60% "On" Time at 30 Pulses Per Minute and 10-100% "On" Time at 180 Pulses Per Minute)

PHYSICAL

Dimensions: 9.5" (H) x 6.2" (W) x 4.4" (D), (24 x 16 x 11cm)

Weight: 4.3 lbs. (2 kg)

Specifications subject to change without notice.

Ordering Information

RR Tester	Catalog No.	ACCESSORIES	Catalog No.	ACCESSORIES	Catalog No.
TS111-3 Railroad Tester	12183	Test Leads Set Crocodile	00236	Case, Yellow Padded Nylon	00832
ACCESSORIES	Catalog No.	Universal Kit, Deluxe 23-pc.	00818	Case, Black Padded Nylon	00834
Lead Set, Alligator, Banana	07500	Probe Leads w/ Screw on Alligator Clip	00125		

Additional accessories are on pages 25-28.

Mouser Electronics

Authorized Distributor

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[Simpson:](#)

[00236](#)