2000 Series – Railroad Testers

Four models: Specialized testers for passenger and commercial rails

All Models Feature:

- Designed to perform standard maintenance tasks (using Volts, Ohms, and Amps measurements) as well as specialized tasks requiring measurements on railroad coding equipment
- · Auto Polarity in DC functions
- · Auto or Selectable DC Amps Polarity
- · Direct measurement of Code Parameters
- Ohmmeter voltage mode detects foreign AC or DC Voltages
- Relay contact on time (Dry Contact) requires no adjustment
- · Peak measurements require no adjustment
- Includes: test leads, padded water repellent carrying case, shoulder strap, and batteries
- Optional models complete with Certificate of Traceability to N.I.S.T.
- · 1 year warranty

Models 2001,2002,2003 additional features:

- All models have a bypass switch to select "cab filter" or "no cab filter"
- · Model 2000: Base unit with no Cab Filters
- Model 2001: Both 100Hz and 250Hz Cab Filters
- · Model 2002: Both 100Hz and 200Hz Cab Filters
- · Model 2003: Both 60Hz and 100Hz Cab Filters

Ordering Information:

2010 Model 2000 Railroad Test Set

2010-NIST 2010 Complete with Certificate of Traceability to N.I.S.T.

2011 Model 2001 Railroad Test Set

2011-NIST 2011 Complete with Certificate of Traceability to N.I.S.T.

2012 Model 2002 Railroad Test Set

2012-NIST 2012 Complete with Certificate of Traceability to N.I.S.T.

2013 Model 2003 Railroad Test Set

2013-NIST 2013 Complete with Certificate of Traceability to N.I.S.T.

79-767 Replacement Lead assembly, right angle 10-3967 Replacement Case for Railroad Testers









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Specifications

	Model 2000	Model 2001	Model 2002	Model 2003
DC Voltage	0.6V, 3V, 15V, 60V, 300V			
DCV Accuracy	±1.5% FS	±1.5% FS	±1.5% FS	±1.5% FS
DC Milliamps	16mA, 60mA, 300mA	16mA, 60mA, 300mA	16mA, 60mA, 300mA	16mA, 60mA, 300mA
DC mA Accuracy	±1.5% FS	±1.5% FS	±1.5% FS	±1.5% FS
DC Amps	1.5A, 6A, 30A	1.5A, 6A, 30A	1.5A, 6A, 30A	1.5A, 6A, 30A
DCA Accuracy	±1.5% FS	±1.5% FS	±1.5% FS	±1.5% FS
AC Voltage	1.5V, 3V, 15V, 150V, 300V, 600V			
ACV Accuracy	±3.0% FS	±3.0% FS	±3.0% FS	±3.0% FS
AC Amps	1.5A, 6A, 30A	1.5A, 6A, 30A	1.5A, 6A, 30A	1.5A, 6A, 30A
ACA Accuracy	±3.0% FS	±3.0% FS	±3.0% FS	±3.0% FS
	60Hz:—	60Hz:—	60Hz:—	60Hz: 57 to 63Hz
Cab Filter Response	100Hz:—	100Hz: 92 to 100Hz	100Hz: 92 to 100Hz	100Hz: 92 to 100Hz
(All AC ranges)	200Hz:—	200Hz:	200Hz: 196 to 204Hz	200Hz:—
	250Hz:—	250Hz: 245 to 255Hz	250Hz:—	250Hz:—
	On Time: 3% to 100% (±3% FS)			
Code Functions	Rate: 30 to 500CPM (±3% FS)			
(All AC and DC ranges)	Peak Hold: Ö	Peak Hold: Ö	Peak Hold: Ö	Peak Hold: Ö
	Peak Follow: Ö	Peak Follow: Ö	Peak Follow: Ö	Peak Follow: Ö
Volt Senese Mode	15V AC or DC (±20%)			
<u> </u>	Range: R x 1 and R x 100	Range: R x 1 and R x 100	Range: R x 1 and R x 100	Range: R x 1 and R x 100
Resistance	Center Scale: 5 and 500 ohms			
	Accuracy: ±2% of scale length			
	Allowable Resistance: 0 to 100 ohms			
Dry Contact	Test Voltage: 7.5 to 15VDC			
	Test Current: less than 1mA			
Fuse 1	1A/250V 8AG – Bussman AGX1			
	or Littelfuse 361001	or Littelfuse 361001	or Littelfuse 361001	or Littelfuse 361001
Fuse 2	10/A250V 3AB Normal Blow –			
	Bussmann ABV10 or Littelfuse 314010	Bussmann ABV10 or Littelfuse 314010	Bussmann ABV10 or Littelfuse 314010	Bussmann ABV10 or Littelfuse 31401
Power	(2) 9V; (1) 1.5V D cell			
Dimensions	5 x 6.5 x 3.2" (127 x 165.1 x 81.3mm)	5 x 6.5 x 3.2" (127 x 165.1 x 81.3mm)	5 x 6.5 x 3.2" (127 x 165.1 x 81.3mm)	5 x 6.5 x 3.2" (127 x 165.1 x 81.3mm)
Weight	4.75 lbs (2.15kg) with case and leads			

