

## Mag-PIE Model NPT-2520 Standard Shunt Ammeter Kit w/ Timer & Shunt



The Mag-PIE™ model NPT-2520 is a remarkable shunt meter test kit designed to be a complete, full-featured, highly accurate, extremely durable portable calibration instrument capable of certifying the accuracy of any make, or model of low-voltage style MPI equipment in the industry. It measures AC, FWDC and HWDC current outputs of various mag machines and records shot duration times to .001 (seconds) resolution. It functions in Means Averaging, True RMS or Peak modes depending on user preference. Full scale reading is 19.999 amperes (x 1000) and 19.999 seconds for the shot timer. The aluminum face-plate bezel is covered with a vinyl overlay that can withstand the toughest environments. The storage pouch comes furnished with a 2.5-meter BNC test lead, EE connectors, bolts, nuts, washers and wrenches to fully equip the test technician.

# NDT Supply.com, Inc.

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## Features & Advantages:

- Measures AC, HWDC and FWDC within 1% accuracy
- Specialized RMS/DC converter IC for Data Acquisition accuracy
- High resolution encapsulated LCD displays. 4<sup>1</sup>/<sub>2</sub> digit accuracy
- Auto Update to capture and hold display readings indefinitely
- Over-Range Sonic Alarm
- Low-battery LED with "BAT" annunciator on display
- Use for testing portables, mobiles or wet horizontal benches
- Large shunt for easy clamping between head & tail stocks
- Durable BNC input leads, 2.5 meters in length
- 2 EE connectors, 2 bolts with nuts, washers & wrenches
- 3 C Size Tadiran batteries for years of use w/o replacement
- Certification included: 1st re-calibration free, 3 Year warranty

## Specifications:

Basic Accuracy:	1% ± 2 digits
	TRM 0 - 10 KHz CF5
	Means Avg 0 - 1 KHz CF2
	Peak 0 - 10 KHz
Input Conversion Time:	250 mS
Line Frequency Range:	47 - 63 Hz
Input Conversion Ratio:	50 mV / 1000 Amps
Digital Displays:	4 <sup>1</sup> / <sub>2</sub> Digits - LCD Low Power
Current Range:	0 - 25,000 Amps
Duration Timer Range:	0 - 19.999 Seconds
Shunt Accuracy:	.1%
Quick Break Response:	≤ 95 mS OK; ≥ 120 mS Fail
Power Source:	3 "C" Size Batteries
Operating Temperature:	32°F to 118.4°F (0°C to 48°C)
Case Dimensions:	14.3" x 11.1" x 4.7" (363.22 x 281.94 x 119.38 mm)
Case Ingress Protection Rating:	IP67
Weight:	14 lbs. w/ Shunt (6.35 kg)

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