

» NV-100

Night Vision Google Test Set

Distribution in the UK & Ireland



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CI Systems' NV-100 is a self-contained portable test equipment, suitable for field and depot level maintenance of Night Vision Goggles (NVG). The NV-100 tests the performance characteristics of a NVG resolution, luminance gain, collimation, distortion, spot defects, current consumption and battery pack. The NV-100 has a rechargeable internal battery, which is capable of providing up to 18 hours of operation, while a universal input power supply allows operation from an external AC source, as well as charging of the internal battery.

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» FEATURES

- ▶ Field & depot level tester
- ▶ Mil-Spec quality test station
- ▶ Self-contained & portable test system
- ▶ Eight performances testing for Goggles, ANVIS, Monocular & Night Sight.
- ▶ All essential tests for operational readiness & repair
- ▶ Standard adaptors for NVGs
- ▶ Setting for Gen II & Gen III devices

» SPECIFICATIONS

Targets luminance	$\leq 0.05 \text{ mfl}$ to $\geq 1.5 \text{ mfl}$
Light sources	IR LED - for goggle test; Green LED – for BIT
Collimators focus	Set to infinity
Diopter scope range	+ 5D to –5D
Resolution target	USAF 1951
Distortion target	Defines 4% pincushion and barrel distortions
Screen quality target	Multiple ROI and reference spots
Collimation target	$\pm 1^\circ$ horizontal $\pm 0.5^\circ$ vertical

Specifications are subject to change without prior notice