

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the PNI Corporation, RADAR DETECTOR, RW3000

2.2 General Specification

- Chassis Type : Plastic Cover
- List of Each OSC. Or : X-Tal: 8.00 MHz
X-Tal. Freq. (≥ 1 MHz)

• General

Operating temperature range: -20 °C to +80 °C

Storage temperature range: -30 °C to +100 °C

Power requirements: 12 V to 16 V DC, 350 mA, negative ground or AA x2 Battery

Dimensions: 1.2" H x 2.76" W x 5.3" L

Weight: 5.0 ounces

• Laser Detector

Receiver Type Pulsed laser signal receiver

Detector Type Digital signal processor pulse width discriminator

Optical sensor Dual convex condenser lens and high speed photo diode detector,
905 $\pm$ 50 nanometers(nm)

• Radar Detector

Receiver Type Dual conversion super-heterodyne

Antenna Type Linear polarized, self-contained

Detector Type Scanning Frequency Discriminator

Frequency of X-band, 10.525 GHz $\pm$ 50 MHz

Operation K-band, 24.150 GHz $\pm$ 100 MHz

Ka-band(super-wide), 34.700 GHz $\pm$ 1.300 MHz