

**Product Name :**  
High Sensitivity Non-Linear Junction Detector for  
Semiconductor Detector

**Product Code :**  
EQUP-MC20280-0015

**Description :**

High Sensitivity Non-Linear Junction Detector for Semiconductor Detector

**Technical Specification :**

High Sensitivity Non-Linear Junction Detector: A device for fast and reliable detection of semiconductor devices, used to detect suspicious targets and unknown semiconductor devices in packages or objects (bomb detonators or detectaphone, etc.).It can also locate outdoor explosive devices.

Signal frequency: 2400 - 2483 MHz

Max. peak power of radiation in pulse mode: 10W

Maximum continuous radiation power (CW) 300W

The adjustment range of the probing signal power: 20dBm

Receiver

2nd Harmonic frequency: 4812 - 4828 MHz

3rd Harmonic frequency: 7218 - 7242 MHz

Receiver Sensitivity: ? -108 dBm

Dynamic range: ? 80 dBm

Power supply

Battery type: Built-in Rechargeable Li-battery

Voltage: 3.7 v

Capacity: 7.8 Ah

Battery life: 3 hours at max power in a pulsed mode

1 hour at max power in a continuous mode

Main Unit

Device dimension (in working condition): L47cm x W12.5cm x H6cm

Device dimension (in folding condition): L28cm x W12.5cm x H6cm

Device weight: ?1kg

Alarm mode: Audible and Visual (LED indicator)

Operating temperature: +5? ~ +40?



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