WAND-HDC Data Sheet

WAND Handheld Data Collector

An easy-to-use handheld device that wirelessly activates and collects a thickness reading from a WAND TM Sensor when in close proximity. The interface displays the wall thickness, A-scan and sensor location information. The HDC is designed so that anyone can take an ultrasonic thickness measurement in the field, with the simple press of a button.

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HDC v3 retains the key features of the HDC v2 while introducing new advancements, including a flexible cartridge, USB-C charging via your PC, a larger and brighter display, and built-in, future-proof Bluetooth connectivity.

Technical Specifications

Product Code	WAND-HDC V3
Dimensions	38.5cm (L) x 13.6cm (W) x 3.8cm (H)
	15.2 inches (L) x 5.4 inches (W) x 1.5 inches (H)
Weight	650g
Power Input	USB-C 5V DC 3A
Data Output	USB 2 HS
Charging	Via supplied power adaptor or PC USB port
Wireless Capability	Bluetooth v4.2
Battery Type	Lithium-ion
Signal Acquisition Time	1 second
Operating temperature range*	0°C to +45°C / 32°F to +113°F
Thickness Calculation Method	First arrival and Peak to Peak
RFID Reader	EU and US detection of sensor tags
Certifications	CE, FCC, IP55

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*Device can operate at -10°C / 14°F if already powered on and kept in continuous use. Startup below 0°C / 32°F is not guaranteed. Never charge below 0°C / 32°F.

Included items

- Testing block with B5R sensor
- USB-C charging and data cable
- USB-C power adaptor
- USB-C to USB-A adaptor
- International plug adaptor

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