

## ATEX

Zone: 2

Marking: EX II 2 G Ex ic IIC T4 Gc

Tamb: -10°C to +50°C

Standards: IEC 60079-11: 2023 Ed 7.0, IEC 60079-0:2017

## Meter Data

Ingress Protection: IP54

Drop Withstand: 1 metre

Category Rating: CAT 2

Warranty: Limited 2 year

Calibration Cycle: Once per year, recommended

## Datalogging

Onboard Memory: 32Gb

Sample Frequency: 1s / 10s / 1m / 1h

Measurement Tagging\*: GPS / QR Code / Barcode / NFC / Freeform

Oscilloscope\*: Live Plotting, Triggering (Level/Edge/Auto/Normal)

Data Export\*: .CSV (Email/WhatsApp/Text/Device Storage)

Data Playback: On host device

## Electrical Measurement

DC Voltage:  $\pm 150V - \pm 0.05\%$

AC Voltage:  $\pm 150V - \pm 0.5\%$

DC Current:  $\pm 5A - \pm 1\%$

AC Current:  $\pm 5A - \pm 1\%$

Resistance:  $0-50M\Omega - \pm 0.2\%$

Temperature: -200°C to +500°C -  $\pm 1\%$  @ 10°C

Continuity: Audible

## Power

Battery Type: Removable, Rechargeable

Battery Voltage: 7.4V

Capacity: 6000mAh

## Environmental Data

Safe Operating Temperature: 20°C to +50°C

Pollution degree: 2

EMC: EN61326-1

## Connectivity

Wireless Technology: BLUETOOTH BLE

Communication Protocol: NEXUS®

Bluetooth Range: 2m (6ft)

## Meter Physical Data

Weight: Battery 130g, Excluding battery 186g, Total 316g

Dimensions: 114x106x51mm

Battery: 81x73x30mm

## Included in the box

1x 23DMx-3 ATEX Smart Multimeter

1x Set of CAT2 Test Leads

1x Set K-type Thermocouple Leads

1x K-type Thermocouple Adaptor

1x 7.4V ATEX Rechargeable Battery

1x Charging Dock

1x Wall Power Supply

1x Carrying Pouch

1x iCorDEX Safe Operations Manual

1x iCorDEX Warranty Card

