

CorDEX

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Non-Invasive, next generation thickness gauge, **UT5000** is the **thickness gauge** of choice for rugged environments.



FEATURES

 **ATEX and IECEx Certified for Zone 1 IIC T4 hazardous areas**

 **Compatible with CorDEX CONNECT™**

 **Intrinsically safe probe supplied as standard**

 **Full Colour, Backlit Screen**

 **EchoEcho Technology to measure thickness through painted surfaces**

 **Drop-down menus to select the correct material velocity**

UT5000 Intrinsically Safe thickness gauge with CorDEX CONNECT™ measures metal thickness for Non-Destructive Testing (NDT) and Predictive Maintenance (Pdm) on pipelines and fixed equipment within hazardous locations.

UT5000 is a next generation thickness gauge packed with proven technologies: CorDEX CONNECT™ uses RFID + Software to tag measurements with their location then organizes the data, giving the engineer a view of the pipeline at any specific location.

The unique corrosion mode option helps identify spots of thinning; MultiECHO™ technology improves accuracy on uneven surfaces; onboard memory stores up to 1000 readings.

Designed for rugged environments, the shock resistant skin protects a 3.1 inch (8cm) colour screen and has easy-to-feel raised buttons. The intrinsically safe dual-element, 4MHz transducer is adjustable up to 8Hz with accuracy of +/- 0.05mm (0.01inch).

CorDEX reserve the right to make changes to the instrument at anytime and without notice.



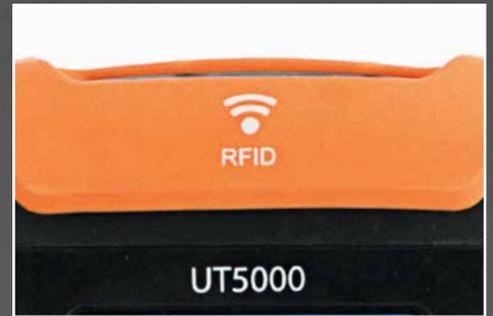
PRODUCT OVERVIEW

Specification

ATEX Certificate No	Baseefa11ATEX0114
IECEX Certificate No	IECEX BAS 11.0094
Marking	Ex ib IIC T4 Gb Ex ibD T200°C Db
Memory	Stores up to 1000 measurements
Screen	8cm (3.1inch) RGB TFT colour screen with backlight Right/left handed set up
Material Velocity Selection	Preloaded via Drop-Down menu, or user defined.
Transducer	Dual Element
Pulse Rate	Standard transmit pulse rate of 4Hz Adjustable from single shot up to 8Hz
Receiver Bandwidth	1MHz to 15MHz (-3dB points)
Frequency	4MHz, 3mm up to 100mm (0.11in to 3.9in)
Accuracy	+/- 0.05mm (0.01in)
RFID Tag Reader	•Operates with 13.54MHz passive tags •Detection range up to 5cm (1.9in) •Supports ISO/IEC 15693-2, ISO/IEC 18000-3 tag formats
Battery Details	•Lithium thionyl chloride primary 3.6V cell •100 hours continuous operation with back light restrictions •Low battery warning
Operating Temperature	-10°C to +50C (14 F to 122 F)
Weight	1.1Kg (2.4lb)



Multiple calibration and zeroing modes for repeatable accuracy.



On-board data recorder and RFID scanner, store upto a thousand automatically linked to tag location.



Menu "flip" function allows use by both left and right handed technicians.

FOR PRODUCT INFORMATION AND TO PLACE AN ORDER CONTACT:

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CORDEX INSTRUMENTS LTD.

UNIT 1 OWENS ROAD

SKIPPERS LANE

INDUSTRIAL ESTATE

MIDDLESBROUGH

TS6 6HE

FEATURED PRODUCT

TC7000/TC7150
Thermal imaging camera

