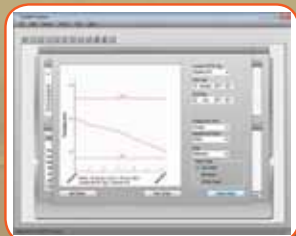


UT5000

CorDEX CONNECT™ Software

Enhanced Reporting



Realtime Tracking



Maintenance Scheduling



INTRINSICALLY SAFE THICKNESS GAUGE



- **ATEX and IECEx Certified for Zone 1 IIC T4 hazardous areas**
- **Features CorDEX CONNECT™**
- **Intrinsically safe probe supplied as standard**
- **Full Colour, Backlit Screen**

CorDEX Instruments 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).

● Corrosion Mode

Continuous, real time measurements are logged with Min-Max-Average thickness readings



● MultiECHO™ Technology

Brackets four echoes before providing a reading, reducing intermittent readings caused by irregular echoes

● Material Velocity Tables

Drop-down menus to select the proper material velocity

UT5000 is supplied complete as standard with:

- UT5000
- Hard carry case
- 1 x Probe
- USB communication cable
- Couplant gel
- Battery pack
- 2 x Wrist strap
- 5 x ATEX RFID tags
- CorDEX CONNECT™ Licence

CorDEX Instruments reserve the right to make changes to the software at anytime without notice.

*Check operations maintenance manual for compatibility.

Specifications	
ATEX Certificate No:	Baseefa11ATEX0114
IECEX Certificate No:	IECEX BAS 11.0094
ATEX/IECEX Certificate Type:	II 2 G Ex ib IIC T4 Gb
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 (0.02in to 3.9in)
Accuracy	+/- 0.05mm (0.002in)
RFID Tag Reader	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Lithium thionyl chloride primary 3.6V cell ● 100 hours continuous operation with backlight restrictions ● low battery warning
Operating Temperature	-10 to +50C (14°F to 122°F)
Weight	1Kg (2.2lb)

Why not visit **CorDEX Instruments** website for the latest news and downloads, or even come and Join our **CorDEX** Community and learn more about the technology **CorDEX** provides.



Authorised distributor

For more information and customer testimonials, contact...

CorDEX Instruments Ltd

Unit 1 • Owens Road • Skippers Lane Industrial Estate • Middlesbrough • Cleveland • TS6 6HE

Tel: +44 (0) 1642 454373

Tel USA: 1 877 836 0764

Email: sales@cord-ex.com

Web: www.cordexinstruments.com



Cert No: 103910