CorDEX CONNECT™ Software

Enhanced Reporting
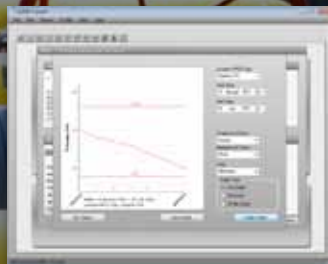
Realtime Tracking

Maintenance Scheduling

CorDEX««
INSTRUMENTS
SAFER | FASTER | BETTER

UT5000

» ATEX and IECEx Certified for Zone 1 IIC T4 hazardous vapour areas

» ATEX and IECEx Certified for ibD IIIB T200˚C Db hazardous dust areas

» Features CorDEX CONNECT™

» Full Colour, Backlit Screen

INTRINSICALLY SAFE THICKNESS GAUGE

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 organises the data, giving the engineer a view of the pipeline at any specific location; the unique corrosion mode feature helps identify spots of thinning; whilst MultiECHO™ technology helps to improve accuracy on uneven surfaces. Also incorporating Echo-Echo functionality, the UT5000 is able to take thickness readings through protective paints without having to remove the coating.

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).

CONNECT))

CERTIFIED BY
sira
CERTIFICATION

Ex

EchoEcho Technology

Measure thicknesses through painted surfaces.

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 correct material velocity

Authorised distributor

Specifications	
ATEX Certificate No:	Baseefa11ATEX0114
IECEx Certificate No:	IECEx BAS 11.0094
ATEX/IECEx Certificate Type:	Ex ib IIC T4 Gb / Ex ibD IIIB T200˚C Db
Memory	Stores up to 1000 measurements*
Screen	8cm (3.1inch) RGB TFT colour screen with backlight Right/left handed set up
Transducer	Dual Element
Measurements	MultiECHO™ Echo-Echo Corrosion Mode
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	» Operates with 13.54MHz passive tags » Detection range up to 5cm (1.9in) » SupportsISO/IEC15693-2,ISO/IEC18000-3 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 to +50C (14˚F to 122˚F)
Weight	1Kg (2.2lb)

CorDEX CONNECT™ System Requirements

Windows Version	Minimum	Recommended
XP	512MB RAM	1024MB RAM
Vista, 7	1024MB RAM	2048MB RAM
Requires Adobe Reader to view the reports created		

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
- » 1 x Calibration Block

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

For more information and customer testimonials, contact...

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