

UT5000

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

Features 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).



Multiple calibration and zeroing modes for repeatable accuracy.



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



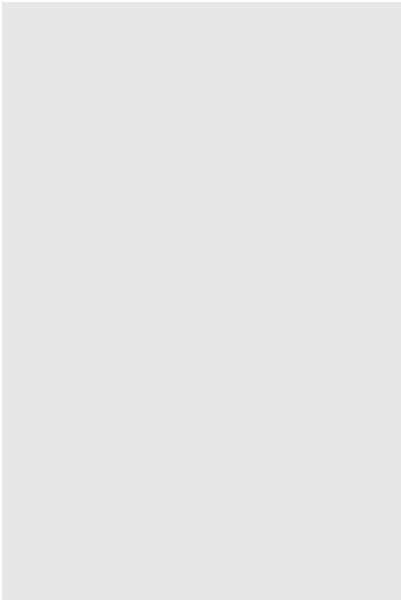
Menu “flip” function allows use by both left and right handed technicians.



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
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 (0.01in to 3.9in)
Accuracy	+/- 0.05mm (0.01in)
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 back light restrictions Low battery warning
Operating Temperature	-10 to +50C (14°F to 122°F)
Weight	1.1Kg (2.4lb)





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ISO 9001
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 Quality Management
 Cert No: 103910