

Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques



EMC
EN: 61326



Model 156

Features

	150	156	156H
Non-magnetic coatings(e.g. paint, zinc)on steel	*	*	*
Insulating coatings(e.g. paint)on no-ferrous metals	*	*	*
No-ferrous metals coatings on insulating substrates	*	*	*
Menu operation system		*	*
Two measuring modes: CONTINUE and SINGLE mode		*	*
Two working modes: DIRECT and GROUP mode		*	*
Statistic Display: AVG, MAX, MIN, NO., S.DEV		*	*
One point calibration, two points calibration and basic calibration easily		*	*
Memory for 400 readings(80 DIRECT and 320 GROUP readings)		*	*
Memory for 1500 readings(30 GROUP readings)			*
Delete single readings and all group readings easily		*	*
High alarm and Low alarm for all working modes		*	*
Low battery, error indication		*	*
USB interface for PC software		*	*
4 levels of battery indication		*	*
Error indication		*	*
Easily adapt to lighting conditions with 8 levels of backlight		*	*

Specifications

	150	156		156H	
Sensor probe		F	N	F	N
Working principle		Magnetic induction	Eddy current principle	magnetic induction	Eddy current principle
Measuring range	0.0~2.0 mm/ 0~80 mil	0~1250um	0~1250um	0~1350um	0~1350um
Guaranteed tolerance (of reading)	± (2%+0.1)mm/ ± (2%+4)mil	± (3%+1)um	± (3%+1.5)um	± (2.5%+2)um	± (2.5%+2)um
Repeatability		± (1%+1)um	± (1%+1)um	± (1%+1)um	± (1%+1)um
Low range Precision		0.1um	0.1um	0.1um	0.1um
Minimum curvature radius		1.5mm	3mm	1.5mm	3mm
Diameter of Minimum area		7mm	5mm	7mm	5mm
Basic critical thickness		0.5mm	0.3mm	0.5mm	0.3mm

Size(HxWxD): 113.5mm x 54mm x 27mm

Weight: 110g

Accessories:

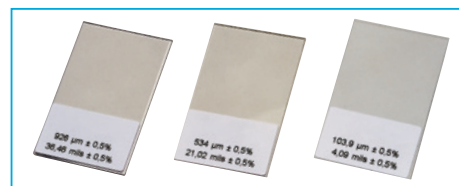
Two “AAA” batteries, USB cable, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



Calibration Iron



Calibration Aluminum



Precision Standard



Model 150

Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques. The measuring data is easily transferred to PC for edit and storage.

157H provides flexible measurements with extension cable.

Features

Non-magnetic coatings(e.g. paint, zinc)on steel
Insulating coatings(e.g. paint)on no-ferrous metals
No-ferrous metals coatings on insulating substrates
Menu operation system
Two working modes: DIRECT and GROUP mode
Statistic Display: AVG, MAX, MIN, NO., S.DEV
One point calibration, two points calibration and basic calibration easily
Delete single readings and all group readings easily
Low battery, error indication
Memory for 2500 readings(50 GROUP readings)
4 levels of battery indication
Error indication
Bluetooth interface
Easily adapt to lighting conditions with 8 levels of backlight

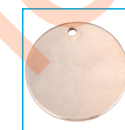
Specifications

	F	N
Sensor probe		
Working principle	magnetic induction	Eddy current principle
Measuring range	0~2000um	0~2000um
Guaranteed tolerance (of reading)	(+/- 2%+2)um	(+/- 2%+2)um
Repeatability	(+/- 1%+1)um	(+/- 1%+1)um
Low range Precision	0.1um	0.1um
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Basic critical thickness	0.5mm	0.3mm

Size(HxWxD): 120mm x 60mm x 40mm

Weight: 120g

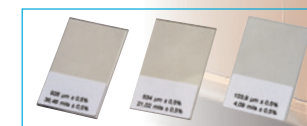
Accessories:Two “AAA” batteries, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



Calibration Iron



Calibration Aluminum



Precision Standard



Model 157H



Model 157

iCTT software
for Coating Thickness Tester

Meterbox iCTT - In the worldwide, Meterbox iCTT is the first issue for the coating thickness tester to communicate with the smartphone by bluetooth. Friendly user interface, multifunction scene mode, standard reference data bring a new user experience and make the works relaxed. Meterbox iCTT allows to read the measured real time data by bluetooth, the displayed table and chart can be recorded and analysed. The user can check the history data anytime and manage the measured readings easily by Meterbox iCTT.

