

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



EMC  
EN: 61326



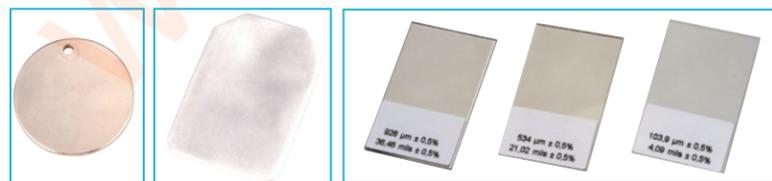
Model 156

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



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Model 156H



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.

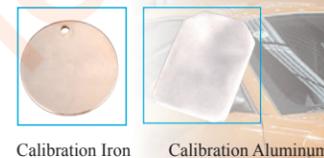
157H provides flexible measurements with extension cable.

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

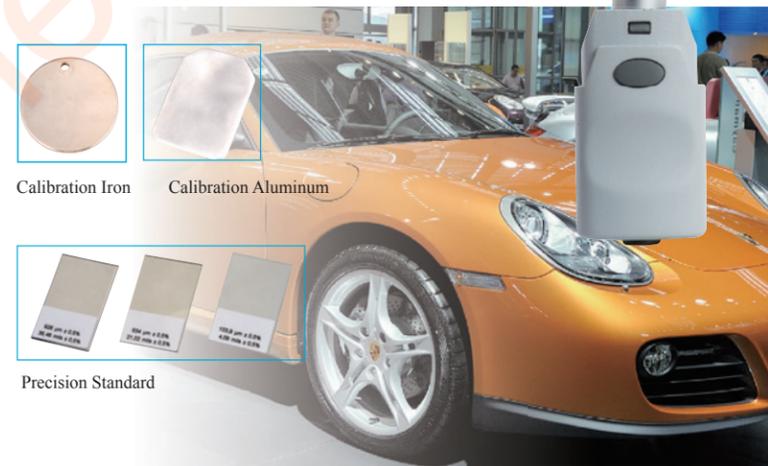
Accessories:Two "AAA" batteries, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



Calibration Iron    Calibration Aluminum



Precision Standard



**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.



Model for  
iPod    iPhone    iPad

Model 157



Model 157H