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Positector 200- Concrete Coating Thickness Gauge



Introduction

Concrete coatings are commonplace in industrial and commercial. Specifications usually call for a minimum coating thickness. This ultrasonic device provides a non-destructive means for determining coating thickness insitu. It is also useful for checking coating thicknesses on wood, plastic

Features

- Ready to measure – no adjustment required to measure most coatings
- Flashing display – ideal in a noisy environment
- Backlit display for dim or dark environments
- Solvent, acid, oil, water and dust resistant
- Shock-absorbing, protective rubber holster with belt clip
- MILS/Microns switchable
- Responsive transducers provide fast, accurate readings (up to 40 readings/minute)
- Proven non-destructive ultrasonic technique conforms to ASTM D6132 and ISO 2808
- Calibration Certificate showing traceability to NIST or PTB included

Models Available

Standard models measure the total thickness of a coating system.

Advanced models measure total thickness of a coating system or up to 3 individual layer thicknesses in a multi-layer system. Also features graphic readout for detailed analysis of the coating system.

The selection of probe determines both the maximum thickness that can be measured, and the precision of the measurement. Type C is for standard coating measurement on concrete, and type D is better for thicker coatings. Type B is more

commonly used for testing over wood but does have a finer resolution when measuring multiple layers within a coating.

Rugged Features...

Sealed USB Port
for communicating
with a PC or Mac

Water and dust resistant—
weatherproof

Hi resolution color LCD

Chart multiple layers

Scratch/solvent/impact
resistant lens

Advanced model shown
in Memory mode

Multi-function
navigation button

Solvent, acid, oil
resistant, hi-grade,
industrial strength housing

Shock-absorbing, protective
rubber holster with belt clip
and wrist strap



Quality high-flex cable and strain relief

Comfortable, ergonomic
finger grip

Plastic-tipped
probe will not
scratch surface





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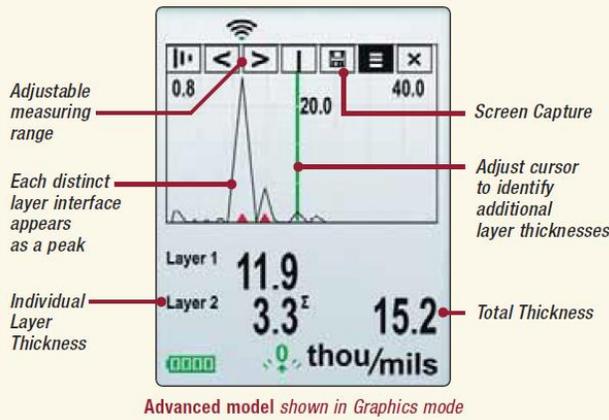
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Easy-to-read graphic display provides clear, detailed analysis of coatings.



Specifications

All gauges are supplied with probe, precision plastic shim(s), protective rubber holster with belt clip, couplant, 3 AAA batteries, instructions, nylon carrying case with shoulder strap, Calibration Certificate traceable to NIST or PTB, two (2) year warranty.

About PCTE

PCTE have over 30years experience in the measurement and testing of concrete. With experience in research, consulting and construction they are able to assist you in reviewing the issues and developing solutions. PCTE can provide more than just the equipment. They can provide leading technical support for your business.

Other Equipment

The full Proceq range of equipment is available for insitu non destructive concrete measurement: Profometer Covermeter, Schmidt rebound hammers, Ultrasonic testing, Electrical potentials, Concrete resistivity, Permeability, Absorption.

We also supply maturity measurement equipment, corrosion rate monitoring equipment, GPR, Impact Echo and many other advanced concrete NDT's

Data Logging

Full data logging is available with the advanced model and offers continually displays/updates average, standard deviation, and number of readings while measuring and the internal memory stores up to 100,000 readings in up to 1000 batches. Readings are date and time stamped for easy interpretation. Connections include USB to PC, WIFI for web upload or Bluetooth output to simple printers

PosiTector 200 Model	B/Std	B/Adv	C/Std	C/Adv	D/Std	D/Adv
Measures Total Thickness	x	x	x	x	x	x
Measures Individual Layers		x		x		x
Graphic Display		x		x		x
Typical Applications	Polymer coatings on wood, plastic, etc.		Coatings on concrete, fiberglass, etc.		Thick, soft coatings such as polyurea, asphaltic neoprene, very thick polymers, etc.	
Range*	13 – 1000 microns 0.5 – 40 mils		50 – 3800 microns 2 – 150 mils		50 – 7600 microns 2 – 300 mils	
Accuracy	± (2 microns + 3% of reading) ± (0.1 mil + 3% of reading)				± (20 microns + 3% of reading) ± (1 mil + 3% of reading)	
Minimum Individual Layer Thickness**		13 microns 0.5 mil		50 microns 2 mils		500 microns 20 mils
Matching DeFelsko Thickness Standards	STDA3		STDP6		STDP1	

*Range limits apply to polymer coatings. D Probe polyurea range is 50–5000 microns (2–200 mils). **For multiple layer applications only. Dependent on material being measured.