

NDT

NDT INTERNATIONAL, INC.
711 S. CREEK ROAD
WEST CHESTER, PA 19382

Tel: 610.793.1700 Fax: 610.793.1702
E-mail: info@ndtint.com

PERMASCOPE® MPOR from Fischer Technology, Inc.



The Permascope® MPOR (Cat. #604-533) is designed for quick and easy measurements.

It is used to measure non-magnetic coatings such as paint, lacquer, synthetics, and galvanizing on ferrous substrates.

This economic instrument accurately and conveniently displays the coating thickness readings on two LCD displays: on a large front panel display and a top panel display.

It features an ergonomic design with an integrated constant pressure probe allowing easy one hand operation. Offers statistical evaluation of measurement series and USB port for transmittal of data to a PC.

The Permascope® MPOR utilizes the magnetic induction method according to DIN EN ISO 2178, ASTM D7091, SSPC-PA2.

Measurement Range	Fe 0 - 2500 μm (0 – 97.5 mils)	
Trueness – based on Fischer standards	0 - 100 μm \leq 1.5 μm	0 – 3.9 mils \leq 0.06 mils
	100-1000 μm \leq 1.5% of reading	3.9 – 39 mils \leq 1.5% of reading
	1000-2500 μm \leq 3% of reading	39 – 97.5 mils \leq 3% of reading
Repeatability Precision - based on Fischer standards	0 - 100 μm \leq 0.3 μm	0 – 3.9 mils \leq 0.0117 mils
	100-2500 μm \leq 0.3% of reading	3.9–97.5 mils \leq 0.3% of reading
Weight	137 g (4.8 oz) (with batteries)	
Dimensions	W x D x H: 64 x 28 x 85 mm (2.5" x 1.1" x 3.35")	
Power supply	2 x LR6, AA, 1.5V	
Data Communication	Bi-directional USB Interface	