

PHASCOPE PMP 10

Fischer®

Competence and Knowledge – Our Strength, Your Advantage

Coating Thickness Measuring Instrument for Universal Use

Quality Control of PC-Boards and Electroplated Surfaces



Measurement Method

The PHASCOPE PMP10 utilizes the phase-sensitive eddy-current method according to the draft standard ISO/DIS 21968. Compared to conventional eddy-current method according to DIN EN ISO 2178, this measuring method has significant advantages for the thickness measurement of metallic surface coatings.

By using the phase position of the probe signal instead of the amplitude for the coating thickness computation, the interfering influences of the specimen shape and of the probe lift-off are significantly reduced. This is illustrated in the figure to the right.

