

MATEX PHASE



ESSENTIAL MEASUREMENT

For controlling hard and specialty metals : content of residual austenite, cobalt or nickel, carbon balance.

MEASUREMENT ACCURACY & PRECISION

Even with large samples, and with samples containing large amounts of magnetic phase.

FAST & EASY CONTROL

Quick (within seconds) and automated tests, independent of the operator's skills.

PERFORMANCE	
Measurement accuracy	+/-1% full scale
Detection limit	Equivalent to 1mg cobalt
Maximum sample dimensions (H/D/L)	30/20/20mm
Magnetic field	1T (=800kA/m)
Test time (weighing excluded)	Within seconds
GENERAL	
Compliant with testing standards	IEC 60404- 14 - Methods of measurement of the magnetic dipole moment of a ferromagnetic material specimen by the withdrawal or rotation method ASTM B886 - Determination of Magnetic Saturation (Ms) of cemented carbides
Dimensions (H/D/L)	1100/1280/840mm
Power supply	230V - 50/60Hz - 50VA