

# MATEX PHASE

## CONTROL OF HARD MATERIALS' MAGNETIC PHASES



### ESSENTIAL MEASUREMENT

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

### MEASUREMENT ACCURACY AND PRECISION

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

### FAST AND 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 / 20 mm
Magnetic field	1 T (= 800 kA/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 / 840 mm
Power supply	230 V – 50/60 Hz – 50VA