



Equipment	Technical Specifications	Photo No.
MICROTOPOGRAPHY SURFACE MICROTOPOGRAPHY AND RUGOSITY SYSTEM 3D altisurf ® 500	<ul style="list-style-type: none"> - Modular metrology platform 100x100x100x100 mm - Two confocal chromatic probes: measuring range 1.1 mm and 300µm - Platform displacement accuracy = 0.7µm/100mm - Specification type: 2nm/mm, sigma/step below 3nm - Adjustable travel speed and measuring steps - High definition CCD camera to define measurement areas - Maximum sample weight: 10 kg 	
VIBRATION ANALYZER	<p>Four acquisition channels + two generators "PULSE 16.1</p>	

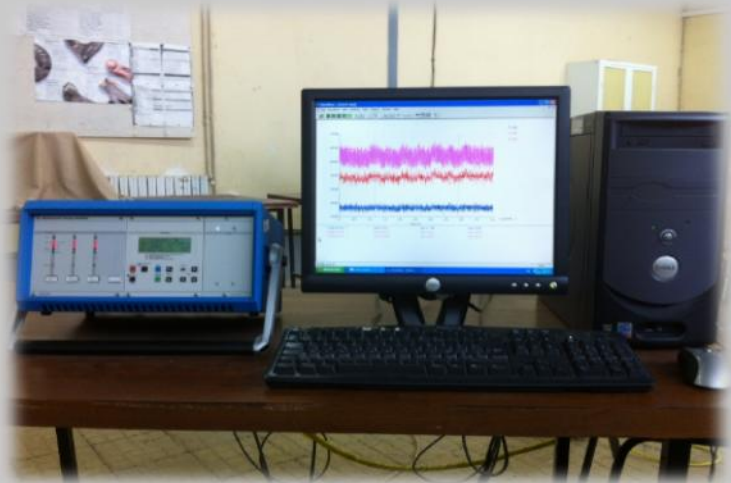
KISTLER DYNAMOMETER

(KISTLER 9257 B) for the measurement of the 3 components of the cutting force. The measuring chain consists of:

- Platform
- Signal amplifier
- Pc with software
- printer

Its main characteristics are:

- High rigidity, very high natural frequency;
- Wide measuring range;
- Good linearity, no hysteresis;
- Low interaction (<1%);
- Easy to use (ready to use);
- Compact design ;
- Lubricant-resistant according to protection class IP 67;
- Special cable with high isolation of the connection between the dynamometer and the signal amplifier (5m long, 8mm diameter).



ULTRASONIC DEVICE MODEL USK 8

Thickness calculation apparatus:

Control range: min. 0-10 mm max. 0-25 mm
(measurement in steel)

Supplied with 1 set of NiCd batteries

Ref. U0001, with all accessories (U0002, U0003, U0015.06, U0015.09, U0015.14, U0015.34, U0015.37, U0016, U0017, U0018



DATA ACQUISITION SYSTEM 5000

including:

1 control unit

1 scanner type 5100 for 20 channels

software "STRAINSMART"



