



# MECHANICAL MONITORING

(21/07/2006)

## SPECIFIC MACHINES: 13 MACHINES

1 Measuring machine TRIDIMENSIONNELLE DEA GLOBAL700\*1000\*700  
1 Measuring machine TRIDIMENSIONNELLE TESA MS343 356\*406\*305  
1 Form deviation measuring machine TALYRON 250 300\*300  
1 Profile projector Isomat M 119N 30mm on cross table –DIASCOPIE EPISCOPIE  
1 Profile projector SIP APCA 45\*45 table drive 200mm – DIASCOPIE  
1 Ball-test machine TESTWELL HT 1A0-100HRC – ROCKWELL C  
2 Surface-finish testing machine TAYLOR SUBTRONIC 20 to 30 um interior control  
1 Surface-finish testing machine Form Talisurf - Course 50mm  
1 Between centre bench PRECISION MECANIQUE 0\*250 -+- 0.001  
1 Tensile test machine – compres. ERICHSEN mod. 709 precision: 0.01 newt.  
cap: 100 newt  
1 Compression tensile testing machine DERFI HZD 25  
5 Column type gauge TRIMOS  
2 Projectors PROFIL PJ300 MITUTOYO – DIASCOPIE – EPISCOPIE

## LIMIT GAUGE

376 Smooth limit gauge LE CALIBRE 2-100  
369 Limit gauge with internal / external screw thread LE CALIBRE 2-31  
700 Gages LE CALIBRE 0.5 to 10 – progression 0.01

## CONVENTIONAL MEASURING INSTRUMENTS

87 Calipers TESA – ROCH 0 to 1110 -+- 0.02 to +- 0.04  
1 Vertical micrometer VERDICT 0-300 -+- 0.001  
123 Micrometers TESA – ROCH 0-200 -+-0.002  
55 Interior micrometers TESA 0-100-+-0.002

## COMPARATIVE MEASURING INSTRUMENTS

127 Comparators with oscillating sensor TESA-MITUTOYO comparators 0-50 -+-0.001  
2 Electronic Comparators TESA Type GNM 0-0.3 -+- 0.002  
2 Comparators ETAMIC +- 0.0005 - 2 MICRO JET Comparators +- 0.0005

## BENCHMARKS

2 Boxes of carbide wedges SELECT –88- grade 1- 90 benchmark rings LE CALIBRE 1.6 – 100  
3 MICROFLAT Marbles 600\*450

## ELECTRONIC MONITORING

### TESTER

1 Wiring automatic tester ALKAN V50 100 points  
1 Wiring automatic tester SYNOR 3200 300 points  
1 Cabled printed circuit tester SPEA EASYTEST 100IC

### OSCILLOSCOPE

1 Oscilloscope PHILIPS Pm326 15 MHz  
1 Oscilloscope HEWLHETT PAKARD 100 MHz  
1 Oscilloscope TEKTRONIX 5403 100 MHz  
3 Oscilloscopes HITACHI VC6015

### Siège social - Usine:

Rue du Docteur Weys ZI de Chacé - Saumur  
International : Tél : +33 2 41 53 04 30

### A.A.S :

B.P 12 – Chacé 49428 Saumur Cedex France  
Fax : +33 2 41 53 04 50 E-mail : aas@aas-aero.eu



### **THERMOMETER**

- 1 thermometer COMARK Type KM20REF - 100°C to + 200°C
- 1 Digital thermometer TECHNOTERM 9500-70 + 1200°C
- 1 Digital thermometer TECHNOTERM 9300-20 + 1200°C

### **MULTIMETER**

- 2 Digital multimeters AOIP type MNK 179 200MV with 1200V 2000 points
- 1 Digital multimeter FLUKE type 8000a 2000 points
- 1 Digital multimeter PM 25 24 PHILIPS 2000 points
- 1 Multimeter PEKLY PR 8610 2000 points
- 1 Multimeter METRIX MX 562 2000 points

### **POWER SUPPLY**

- 3 Power Supplies NETZ 0-30V 3A
- 2 Power supplies SODILEC SDT 0.40V 2A

### **TESTER**

- 1 Leakage current tester ELEKTROTECH JF28
- 1 High voltage tester ELEKTROTECH UH28
- 1 Insulation tester ELEKTROTECH RD 28K
- 1 Di-electrometer SEFELEC MPCF 43 SOVA 500V

### **METERS**

- 2 Insulation meters NORMA Type 667 1000V 2000M
- 1 Insulation and leakage current meter, GOSSEN VDE 0701/0804N
- 1 Meter Pont RLC GENRAD 1657

### **MICROSCOPE**

- 1 Binocular
- 1 Video stereoscopic microscope NIKON HITACHI SMZ 10 40 X black and white

### **MERCURY COLUMN - MANOMETER - SCALE**

- 2 Mercury Columns 1M
- 2 BERGE Mercury columns
- 13 dial pressure gauges Bourdon Type
- 5 Manometers DRUCK DPI 260
- 2 Scales PRECISA 3100C 0 to 3100gms
- 1 Scale METTLER PM 4600 1/10gms

### **MISCELLANEOUS MONITORING**

- 1 Climatic chamber MPC CHAUD FROID HUMIDITE- 45° + 150°C 350 liters
- 1 Temperature calibrator BESANCON INSTRUMENTS +50 +500°C TP 51S
- 1 tracing table LINSEIS Type 44 4 tracks
- 1 Cryostat SECASI C 150 RAE
- 1 Endoscopic set with camera.

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