

TECHNICAL SPECIFICATIONS

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| Test force selection | Manual |
| Test procedure | Automatic - loading/dwell/unloading |
| Hardness value | 5 digits |
| Turret | 4 positions over 360° - fully automatic - memorised start position - ?option for 2 indenters and 2 objectives or 1 indenter and 3 objectives |
| Test force accuracy | < +/-1% for force from 100gr to 2kg - < +/-1.5% for force below 100gr |
| User display | Length of diagonals - hardness value - converted value - test force - online statistics |
| Display resolution | 0.1 HV - HK |
| Standardisation | EN ISO 6507 - ASTM E-384 - EN ISO 4545 |
| Statistics | Total test - max - min - average - range - standard deviation all in real time after each test |
| Control panel | Start test - stop test - light intensity - dwell time - print - clear |
| Firmware | English |
| Memory | Memory for 20 test results with CCD-VIEW software unlimited results |
| Data output | RS-232 Bi-Directional |
| Dwell time setting | Default 5 seconds - user defined 1 to 60 seconds (5 sec. increments) |
| Printer | Built in silent high speed thermal printer |
| Eyepiece microscope | Bright dual line filar eyepiece with 15x magnification - 0.1µm reading |
| Light source | Halogen 12V - 30W - green filter - dimmable |
| Optical path | 2 way - eyepiece / camera |
| Vertical capacity | 90mm (maximum specimen height) |
| Horizontal capacity | 120mm (from centre line) |
| Stage dimensions | 100x100mm - travel 25x25mm - and reading 0.01mm |
| Operating temperature | 5°C to 40°C (+/-20° for force 25gr and 50gr) |
| Humidity | 10% to 90% non condensing |
| Dimensions | 420 x 250 x 490mm |
| Weight | 37.5Kg |
| Power | 240V/110V - 50/60Hz - single phase |

| Code No. | Description | Price |
|-----------------|---|--------------|
| W-422AAT | Analogue, 2 objectives, 0.01 - 0.025 - 0.05 - 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2Kgf (HV) | £POA |
| W-423AAT | Analogue, 3 objectives, 0.01 - 0.025 - 0.05 - 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2Kgf (HV) | £POA |
| W-422DAT | Digital, 2 objectives, 0.01 - 0.025 - 0.05 - 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2Kgf (HV) | £POA |
| W-423DAT | Digital, 3 objectives, 0.01 - 0.025 - 0.05 - 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2Kgf (HV) | £POA |