

## **TECHNICAL SPECIFICATIONS FOR Micro-Vickers Hardness Testing Machine**

<b>Sr. No.</b>	<b>Subheading/ Description</b>
1	Digital model with LCD touch screen control unit
2	New white LED lighting for natural color image
3	Electromagnetic test force mechanism
4	Test Loads from 10gf to 1000gf
5	Arbitrary test force selection
6	Power turret
7	Measuring microscope resolution 0.01 $\mu$ m
8	Digital XY stage with 0.001mm resolution 25 x 25mm
9	Dwell Time 5~999 Sec (in 1 sec increments)
10	Maximum specimen height 133mm
11	Total magnification 100x & 500x
12	In built Color touch panel unit a) Conversion to other hardness scales b) Cylindrical & Spherical surface compensation c) In built Statistical Process Control d) OK/NG judgement
13	Measurement and statistical analysis software
14	USB memory slot for storage of test results & statistical results

### **Standard accessories**

- Measuring microscope
- Diamond indenter
- Objective lens unit 50x
- Accessory box
- Hardness test block
- Spacer
- Dust cover
- User's manual
- Power Cable
- Digimatic XY stage (25 x 25mm)
- Objective lens unit 10x
- Universal Specimen holder