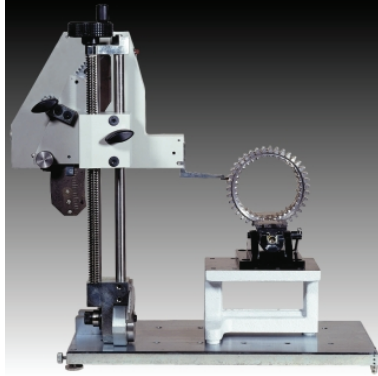
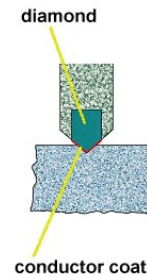
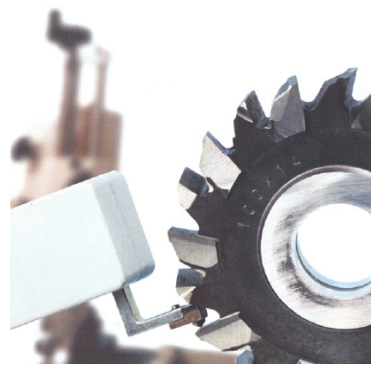
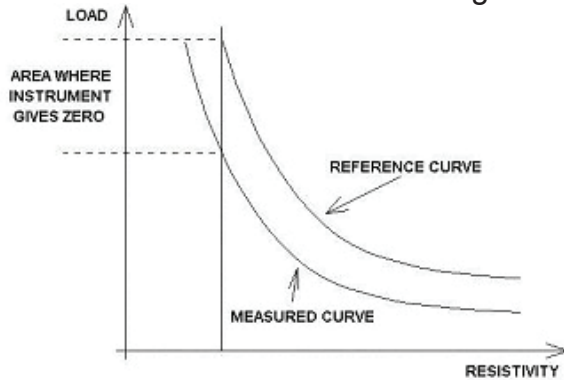


## ESATEST MTR X-SERIES



The motorized hardness tester type ESATEST MTR has been developed in order to solve hardness testing problems not previously possible with existing instruments. The new patented system from us permits the taking of measurement at points where access is difficult or on small surface areas. Thanks to its working principle it is possible with only one test to obtain the values corresponding to different loads up to the maximum applied, this allows to get an indicative evaluation of the type of the treatment. The hardness reading occurs under load, so the measurement is not sensitive to deflection or bending. To complete its features there are 16 bit electronics giving many useful functions and graphic display.

Esatest hardness testers are using this measuring principle



Three Models According To Different Needs

ESATEST MTR X-Series Model A  
loads from 1 to 1kp

ESATEST MTR X-Series Model B  
Load from 0,5 to 2kp

ESATEST MTR X-Series Model C  
Load from 0,2 to 2kp

Technical Data  
Measuring scale:  
Vickers 100 - 1000 HV

- System for the motorized application of the load with load cell at elastic deformation and survey transducer.
- Temperature sensor incorporated.
- Diamond penetrator with superficial ionic implantation mounted on a support able to carry out the hardness control also in problematic position such as: cavities, holes, clutches, gears, etc. whether in vertical or horizontal position.
- Electronic box industrial PC with wide touch screen; visualization of the hardness value, statistics, histogram, etc.
- The hardness value can be displayed at each load.
- Possibility of setting the tolerance field (5 limits) in the batch testing and elaborating a statistic of the result.
- Unlimited file management;
- USB and ETHERNET interface;
- Possibility to print the certificate in 5 languages.

-Electronic box charger  
100/240 VAC

- Main PC features:  
display 8.4" SVGA TFT LCD 800x600  
with resistant touchscreen resistivo a 5 fili  
CELERON 1 GHz processor  
SDRAM 1 GB memory  
Windows XP professional platform

- Standard Accessories  
1 power cord  
1 HV test block  
1 Support for test block  
1 V anvil for rounds Ø 60mm  
1 V anvil for rounds Ø 35mm  
1 V anvil for rounds Ø 6mm  
1 Magnetic sensor cable  
1 Pedal switch  
1 Set of allen spanner  
2 Screws for indenter  
1 Set of spare fuses  
1 Plastic cover