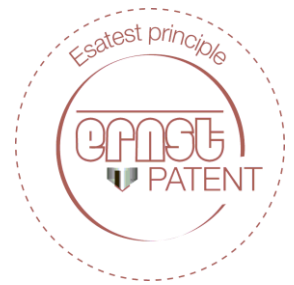




ESATEST MTR-X

瑞士 ERNST 硬度计



1. 型号：ESATEST MTR/X 电动加载硬度计

Hardness tester type: ESATEST MTR with motorized application of the load ESATEST MTR/X.

2. 生产厂家：瑞士 ERNST 公司采 ERNST 的专利技术：压痕深度电阻测量法。是维氏标准方法最好的替代方法。

Ernst's patent: The penetration depth is detected through the measurement of electric resistance, operates according to the Ernst ESATEST patented method, alternative to the Vickers standard method.

3. 专门设计为解决在硬度测试领域以前未解决或很难解决的硬度测试问题。

specifically designed as a solution to previously unresolved problems in the hardness testing field.

4. 新的专利原则的硬度测定允许测试难以进入的领域，如内表面，齿轮齿，不规则的形状等

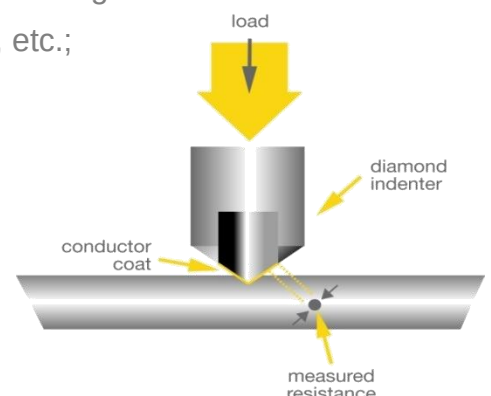
the new-patented principle of hardness determination allows testing of difficult-to-access areas, such as internal surfaces, gear teeth, irregular shapes, etc.;

5. esatest mtr-x 符合 DIN 50158 标准

ESATEST MTR-X conforms to the DIN 50158 standards.

6. 测量范围：维氏 100-1000HV

Measuring scale: Vickers 100 - 1000 HV



The tester continuously acquires the value of the test load (0,2-10 kgf / 1.96-981 N) and the corresponding resistivity.

7、设备包括：

ESATEST MTR-X consists of:

电动试验载荷的应用及可调试验台

Motorized test load application and adjustable test stand.

弹性变形加载单元和传感探头

Elastic deformation load cell and sensing probe.

内置温度传感器

Built-in temperature sensor.

专利技术金刚石压头，可以测试很难达到的测试点，如形状不规则，内表面、齿轮等，它可以在任何方向操作

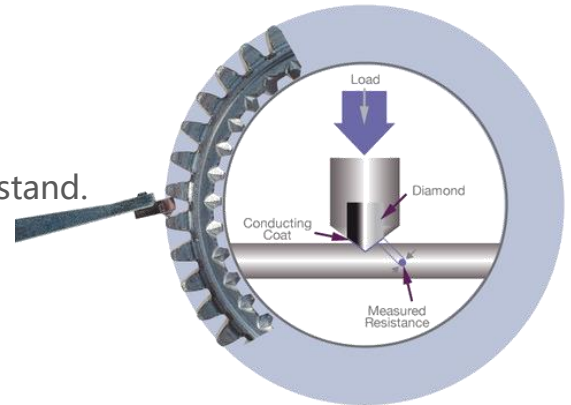
Semi-conducting diamond indenter with proper indenter support to test difficult-to-reach points, such as irregular shapes, internal surfaces, gears, etc., it can operate at any orientation.

8、Windows7 微机控制的 8.4 "SVGA TFT 液晶触摸屏，800x600 分辨率，带有工业 PC 控制单元，存储和输出数据。硬度值直接数显。一系列的统计和结果的分布图，也可以显示出来。触摸屏显示允许设置测试参数（文件）的名称，描述，公差。可以打印和数据传输，外接 2 个 USB 端口或通过内部以太网端口（一个外部的以太网端口可应要求提供）。

Electronic box with industrial PC with LCD 8.4" SVGA TFT 800x600 touch-screen display for the input, processing, storage and output of data. The hardness value is displayed at the whole range of applied loads. A series of statistics and a diagram of distribution of the results can be displayed as well. The touch-screen display allows to set the test parameters (file) with name, descriptions, tolerances. Print out and data exploration take place through the 2.0 USB external port or through the internal Ethernet port (an external Ethernet port is available on request).

9、电源：100/240 V 50/60 Hz

Electronic box power supply: 100/240 Vac 50/60 Hz



Weight and Dimensions...: Net weight.....: kg. 27.000

Approx. gross weight.....: kg. 35.000

Wooden box dimensions : cm.50 x 70 x 65

标准配置

ESATEST MTR-Xis delivered complete with:

- 电源线
- power cable
- 维氏标准硬度块
- HV hardness reference block
- 标准硬度块载物台
- support for reference block
- 60 mm 直径的 V 型砧板
- V-anvil for rounds upto 60 mm diameter
- 35 mm 直径的 V 型砧板
- V-anvil for rounds upto 35 mm diameter
- 6 mm 直径的 V 型砧板
- V-anvil for rounds upto 6 mm diameter
- 非磁性材料夹
- kit for non-magnetic material
- 脚踏开关
- footswitch
- 专用扳手
- set of Allen wrenches
- 专用压头
- set of indenter removal screws
- 保险丝
- fuses
- 塑料外罩
- vinyl cover



仪器型号：

MTR-X A 03 EN Esatest X-Series MTR /A

Test loads **1 kgf to 10 kgf**, **0.100 kgf** resolution

MTR-X B 03 EN Esatest X-Series MTR/B

Test loads **0.5 kgf to 10 kgf**, **0.100 kgf** resolution

MTR-X C 03 EN Esatest X-Series MTR/C

Test loads **0.2 kgf to 2 kgf**, **0.02 kgf** resolution

交货期：

60 days from the date hereof

产地：

Country of Origin

Switzerland (瑞士)

