

XYZ MOTORIZED TRANSLATION STAGE 75 x 55 X 6 MM TRAVEL PER AXIS WITH INTEGRATED CONTROLLER



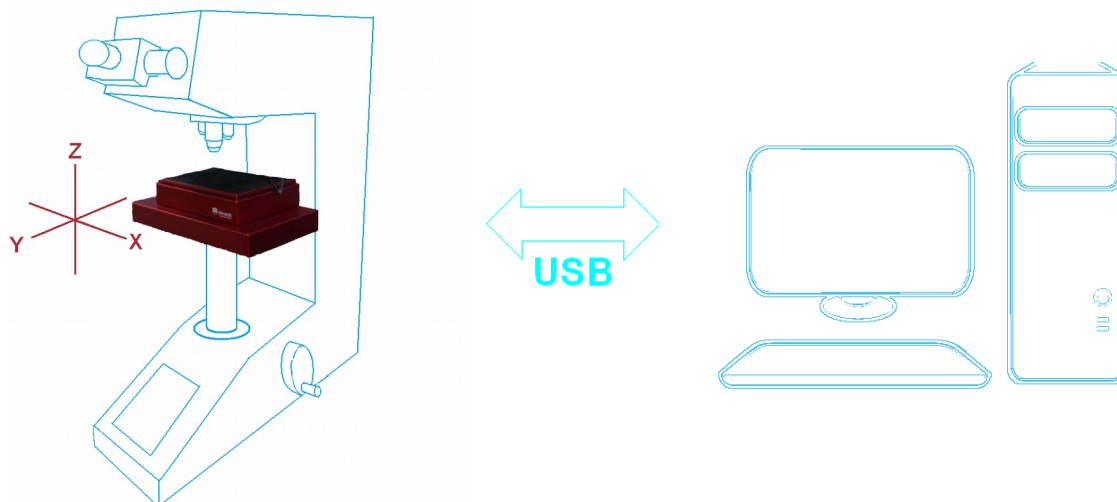
**TRANSFORMS A MANUAL MICROHARDNESS TESTER
INTO AN AUTOMATIC SYSTEM**

FEATURES

- INNOVATIVE TABLE WITH Z AXIS
- LOW PROFILE
- 6-AXIS INTEGRATED CONTROLLER
- STROKE 75 x 55 x 6 mm (3 X 2 X 0.24")
- X,Y REPEATABILITY: +/- 2 micron
- Z REPEATABILITY: +/- 0.1 micron
- RESOLUTION: 0.06 micron
- NO BOARD ADDED TO THE PC
- NO MECH. CHANGE TO THE TESTER
- SINGLE CABLE USB 2.0 TO PC
- EASY INSTALLATION
- ANODIZED ALUMINIUM BODY
- FIXING PLATE CUSTOMIZABLE
- EXTERNAL POWER SUPPLY 24V
- DIMENSIONS 280 X 160 X 70 MM

TRANSFORMS A MANUAL MICROHARDNESS TESTER INTO AN AUTOMATIC SYSTEM

TYPICAL APPLICATION



MECHANICAL FEATURES	
Stroke	75 x 55 x 6 mm (3" x 2" x 0.24")
Maximum sample weight	2.0 Kg
Maximum load test	30Kg
Repeatability	X,Y +/- 2 micron; Z: +/- 0.1 micron
Weight	3,5 Kg
Material	Body: Anodized aluminium – Fixing plate: Stainless steel
Dimensions	280 x 160 x 70 mm
ELECTRICAL FEATURES	
Controller	6-axis integrated
Travel motor	No. 6 Microsteppers
Max speed	20 mm/s
Connections	Single cable USB 2.0 – External power supply: 24V

Hardware required

Knowledge of the internal diameter of the support column for fixing plate sizing
Empty space above the support column must be greater than 80mm

All data are subject to change without notice