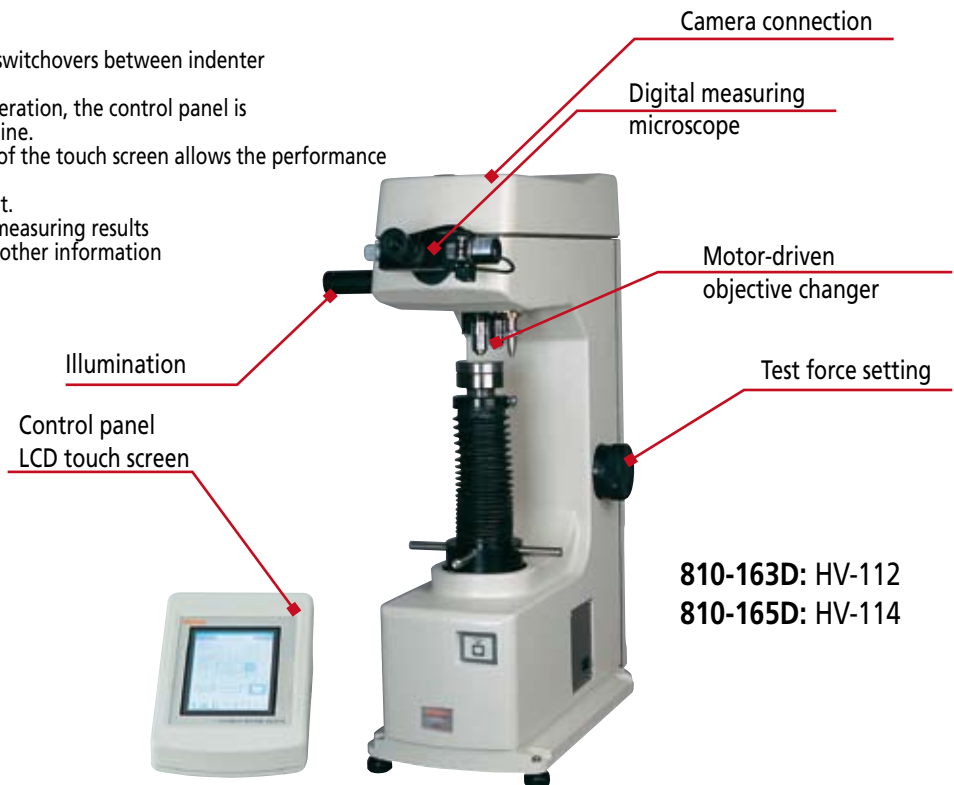


Vickers Hardness Testing Equipment

Model HV-100

Equipment features

- The motor-driven revolver enables switchovers between indenter and objective via control panel.
- For ergonomic and user-friendly operation, the control panel is detached from the actual test machine.
- The simple and intuitive operation of the touch screen allows the performance of all important functions.
- Use of 2 objectives for measurement.
- Fast and easy statistical analysis of measuring results
- Convenient display of imprints and other information on the TV screen (HV-113/HV-115)



810-163D: HV-112
810-165D: HV-114

Technical specifications

Code No.	810-163D	810-981D	810-165D	810-985D
Model	HV-112	HV-113	HV-114	HV-115
Test force	1,961 / 2,942 / 4,903 / 9,807 /		9,807 / 19,61 / 29,42 / 49,03 /	
N	24,51 / 49,03 / 98,07 / 196,1		98,07 / 196,1 / 294,2 / 490,3	
Observation and measurement	Ocular	Screen	Ocular	Screen
Loading process	Automatic (load, duration, disengagement)			
Application time	5 - 99 s			
Speed of force application	20 / 50 / 100 / 150 μ m/s			
Max. size of workpiece	Max. height 210 mm (if using a flat anvil), max. depth 170 mm			
Optical path	Beam split ocular/camera output 50/50			
Objective	10 x , 20 x			
Resolution	0.1 μ m			
Max. measurement length	10 x : 700 μ m, 20 x : 350 μ m			
Conversion of hardness values	Soft: HV, HK, tensile strength, HRA, HRB, HRF, HRG, HR15T, HR30T, HR45T			
Objective changer	Hard: HV, HK, HS, HRB, tensile strength, HRA, HRC, HRD, HR15N, HR30N, HR45N			
Output	Motor-driven			
Outer dimensions	RS-232C, Centronics, SPC (DIGIMATIC), external			
Weight	Main unit: approx. 245 (W) x 515 (D) x 770 (H) mm Display: approx. 165 (W) x 260 (D) x 105 (H) mm			
Power supply	approx. 50 kg 230V 50/60Hz approx. 70VA max.			