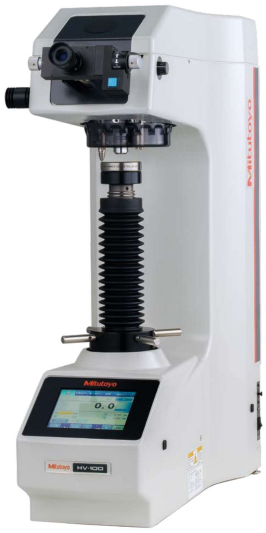
HV-100
SERIES 810 — Vickers Hardness Testing Machines

- Vickers hardness testers have a wide application in testing metals, especially small heat-treated parts, and are also suitable for making special-purpose tests such as carburized case hardness, maximum hardness of spot welds, high-temperature hardness, and fracture toughness of ceramic materials.
- In addition to Vickers hardness testing, Knoop (HK)*1/Brinell (HB)*2/Fracture toughness (Kc) tests can also be performed.

*1 For Knoop hardness testing, Knoop indenter (optional) is required.
*2 For Brinell hardness testing a Brinell indenter (optional) and additional weight are required.



System A (**HV-110A / 120A**)

SPECIFICATIONS

Model	HV-110			HV-120		
Display unit	metric	inch/mm	metric	metric	inch/mm	metric
Operation	Manual	Manual	System	Manual	Manual	System
Applicable standards	JIS B7725, ISO 6507-2					
Test force N (kgf)	9.807 to 490.3 (1 to 50)			2.942 to 294.2 (0.3 to 30)		
External dimensions (W×D×H) (excluding protrusions and stage)	System **A**: Approx. 307×696×781 mm System **B**/**C**/**D**: Approx. 307×627×875 mm					
Main unit mass	**HV-110**: 60 kg **HV-120**: 58 kg					
Power supply/ Power consumption	AC100 V to 240 V 50/60 Hz System **A**: 24 W System **B**/**C**/**D**: 22 W					

System A (**HM-110A / 120A**)
All-in-one model with simple color touch-panel operation

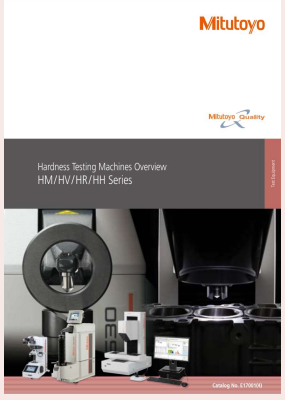
System B (**HM-110B / 120B**)
A system equipped with automatic reading function with **AVPAK** software

System C (**HM-110C / 120C**)
In addition to the functions of System **B**, System **C** is equipped with an electric stage

System D (**HM-110D / 120D**)
In addition to the functions of System **B** and System **C**, System **D** is equipped with the auto focus function

CAUTION: The **AVPAK-20** software package is not for use within, or export to, the United States of America
The **AVPAK-10** software package is for the United States of America

M



Refer to the Hardness Testing Machines Brochure (**E17001**) for more details.