

## Hardness Testing Machines

### HARDMATIC HH-300

#### SERIES 811 — Durometers for Sponge, Rubber and Plastics

- Hardness measurements by a durometer are performed by simply holding the instrument against the surface of a specimen and reading the indicated value.
- This type of hardness tester is most widely used for hardness testing of sponge, rubber, plastics and other soft materials.

Compact type



811-329-10 HH-329  
811-335-10 HH-335  
811-337-10 HH-337

Long type



811-331-10 HH-331  
811-333-10 HH-333

## SPECIFICATIONS

Code No.	811-329-10	811-331-10	811-333-10
Model	HH-329	HH-331	HH-333
Type	Compact	Long	
Display specification	Analog		
Measurement target	Soft rubber, sponge, felt, hard film, fabric	General rubber, soft plastic	Hard rubber, hard plastic, ebonite
Category in standards	Type E	Type A	Type D
Needle shape	Shaft diameter	ø1.25 mm	
	Tip shape	Circular truncated cone	Cone
	Tip angle	35°	30°
	Tip diameter	ø0.79 mm	—
	Tip curvature	—	0.1 mm
External dimensions (WxDxH)	68x34x146 mm	68x35x188 mm	
Mass	300 g	320 g	

Code No.	811-335-10	811-335-11	811-337-10	811-337-11
Model	HH-335	HH-335-01	HH-337	HH-337-01
Type	Compact			
Display specification	Analog			
Measurement target	General rubber, soft plastic		Hard rubber, hard plastic, ebonite	
Category in standards	Type A		Type D	
Needle shape	Shaft diameter	ø1.25 mm		
	Tip shape	Circular truncated cone	Cone	
	Tip angle	35°	30°	
	Tip diameter	ø0.79 mm	—	
	Tip curvature	—	0.1 mm	
External dimensions (WxDxH)	68x34x146 mm			
Mass	300 g			

## Optional Accessories for Dual-purpose Stand CTS Series

Code No.	811-019	811-012	811-013
Model	CTS-101	CTS-102	CTS-103
Applicable models	HH-331	HH-333/337/337-01	HH-335/335-01