

HARDMATIC HH-300
SERIES 811 — Durometers for Sponge, Rubber, and Plastics

Compact type



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

811-330-10 HH-330
811-336-10 HH-336
811-338-10 HH-338

Long type



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

811-332-10 HH-332
811-334-10 HH-334

- Hardness measurement by durometer is simply performed by 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.

SPECIFICATIONS

Order No.	811-329-10	811-330-10	811-331-10	811-332-10	811-333-10	811-334-10	
Model No.	HH-329	HH-330	HH-331	HH-332	HH-333	HH-334	
Type	Compact			Long			
Display specification	Analog		Digital		Analog	Digital	
Measurement target	Soft rubber, sponge, felt, hard film, winder			General rubber, soft plastic		Hard rubber, hard plastic, ebonite	
Category in standards	Type E			Type A		Type D	
Needle shape	Shaft diameter	ø5 mm		ø1.25 mm			
	Tip shape	Semi-sphere			Circular truncated cone		Cone
	Tip angle	—			35°		30°
	Tip diameter	—			ø0.79 mm		—
	Tip curvature	—			—		0.1 mm
Power supply	—		Button silver oxide battery SR44		Button silver oxide battery SR44		
External dimensions (WxDxH)	68x34x146 mm		59x40x147 mm		Analog long: 68x35x188 mm Digital long : 59x41x190 mm		
Mass	300 g		290 g		320 g		

Order No.	811-335-10	811-335-11	811-336-10	811-336-11	811-337-10	811-337-11	811-338-10	811-338-11	
Model No.	HH-335	HH-335-01	HH-336	HH-336-01	HH-337	HH-337-01	HH-338	HH-338-01	
Type	Compact								
Display specification	Analog				Digital				
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			
Power supply	—				Button silver oxide battery SR44				
External dimensions (WxDxH)	Analog compact: 68x34x146 mm Digital compact : 59x40x147 mm								
Mass	300 g		290 g		300 g		290 g		

Optional Accessories for Dual-purpose Stand CTS Series

Order No.	811-019	811-012	811-013
Model	CTS-101	CTS-102	CTS-103
Applicable models	HH-331/332	HH-333/334/337/338/337-01/338-01	HH-335/336/335-01/336-01