



Digital/Analog Durometer compliance with ASTM D 2240 Analog Digital

Method for determining hardness of vulcanized rubber and thermoplastic rubber



GS-750G

Type B Durometer
for medium hardness rubber



GS-754G

Type OO Durometer
for very soft plastic rubber

These durometers comply with ASTM D 2240. Teclock have a good selection of ASTM Durometers for determining hardness for hard materials to very soft materials. Again Type OOO Durometers are also available on request.

Specification

	Model	Type	Application	Applicable Standards	Spring Load Hardness 0-100	Indenter Shape	Indenter Height (mm)	Weight (g)
Analog	GS-750G	B	Medium Hard Rubber	ASTM D 2240	550-8050mN (56.1-821.1gf)	R0.1 with 30°angle Conical Cone	2.50	208
	GS-751G	C	Hard Rubber		0-44450mN (0-4533gf)	φ0.79 with 35°angle Truncated Cone	2.50	208
	GS-752G	DO	Medium Hard Rubber		0-44450mN (0-4533gf)	R1.19 Conical cone	2.50	208
	GS-753G	O	Soft Rubber		550-8050mN (56.1-821.1gf)	R1.19 Conical cone	2.50	208
	GS-754G	OO	Very Soft Rubber		203-1111mN (20.7-113.3gf)	R1.19 Conical cone	2.50	208
Digital	GSD-750J	B	Medium Hard Rubber		550-8050mN (56.1-821.1gf)	R0.1 with 30°angle Conical Cone	2.50	313
	GSD-751J	C	Hard Rubber		0-44450mN (0-4533gf)	φ0.79 with 35°angle Truncated Cone	2.50	313
	GSD-752J	DO	Medium Hard Rubber		0-44450mN (0-4533gf)	R1.19 Conical cone	2.50	313
	GSD-753J	O	Soft Rubber		550-8050mN (56.1-821.1gf)	R1.19 Conical cone	2.50	313
	GSD-754J	OO	Very Soft Rubber		203-1111mN (20.7-113.3gf)	R1.19 Conical cone	2.50	313

*N: standard *G: with Peak Pointer *P: Pocket type *J: Peak hold function *Indenter Height: 2.50mm
*Type A, D, E Durometer comply with ASTM D2240

Digital/Analog Durometer compliance with TECLOCK Original Standard Analog Digital

This is TECLOCK original standard Durometers. The measurement of hardness for difficult materials (thin rubber sheet etc) can be applied easily now and could secure approximated hardness value of Type A by using a indenter height shortened and weaker spring force. Type E2 Durometer have 1/2 of spring load of Type E Durometer and Type FO is used for measurement of Sponge and foam materials



GS-743G

Type E2
Durometer
for soft rubber



GS-744G

Type FO
Durometer
soft foam material



Hardness measurement of sponge sheet with GS-744G. Judge of dispersibility of foam measure

Specification

	Model	Type	Application	Applicable Standards	Spring Load Hardness 0-100	Indenter Shape	Indenter Height (mm)	Weight (g)
Analog	GS-743G	E2	Soft Rubber	Teclock E2	550-4300mN (56.1-438.6gf)	R2.5 Hemisphere	2.50	208
	GS-744G	FO	Foam/Sponge	Teclock FO	550-4300mN (56.1-438.6gf)	φ25.2 Cylindrical	2.50	500
Digital	GSD-743J	E2	Soft Rubber	Teclock E2	550-4300mN (56.1-438.6gf)	R2.5 Hemisphere	2.50	313
	GSD-744J	FO	Foam/Sponge	Teclock FO	550-4300mN (56.1-438.6gf)	φ25.2 Cylindrical	2.50	500

*G: Peak Pointer *J: with Peak hold function *Indenter height: 2.50mm