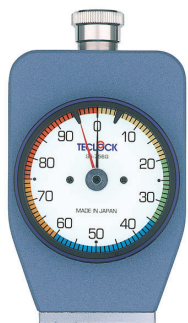




Greensand Hardness Tester

- Exclusive durometer to measure surface hardness of greensand mold.
- As casting is made on better condition by adjusting density of casting sand based on acquired measurement result, quality of products are stable.
- Limiter to be able to set permissible value and peak pointer to indicate maximum value are equipped. It can be judged according to distinguish of color of dial face.



GS-756G

Specifications

Model	APPLICATION / MATERIALS	Conform standards	Spring load value 0-100	Indenter shape (mm)	Indenter height (mm)	Weight (g)
GS-756G	Sand mold	Teclock original	1,030-2,324mN (105-237gf)	Hemisphere of R 2.54	2.54	180

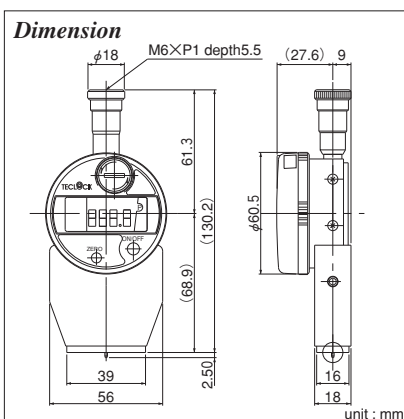
Mold condition	hardness data
mold hardened extremely soft	~20
mold hardened soft	20~35
mold hardened normal	35~60
mold hardened solid	60~75
mold hardened extremely solid	75~

Digital Durometer

- Possible to observe a change of hardness with the passage in time.
- Minimum readable value is 0.5HS which 1/2 of analog type.
- Statistics calculation is possible by connected to SD-764P Printer (Option) shown on page 51.



GSD-719S
Type A Durometer
Digital type



Specifications

Model	Type	APPLICATION / MATERIALS	Conform standards	Spring load value 0-100	Indenter shape (mm)	Indenter height (mm)	Weight (g)
GSD-719S	Type A	General rubber Soft plastic	JIS K 6253, JIS K 7215, ISO7619 ISO868, ASTM D 2240 Type A durometer	550-8050mN (56.1-821.1gf)	Truncated cone of ϕ 0.79 with 35° angle	2.50	250
GSD-720S	Type D	Hard rubber Plastic	JIS K 6253, JIS K 7215, ISO7619 ISO868, ASTM D 2240 Type D durometer	0-44450mN (0-4533gf)	Conical corn of R 0.1 with 30° angle	2.50	250
GSD-721S	Type E	Soft rubber	JIS K 6253, ASTM D 2240 Type E durometer	550-8050mN (56.1-821.1gf)	Hemisphere of R 2.50	2.50	250
GSD-701S	Type SRIS	Soft rubber	SRIS 0101, JIS S 6050	539-8379mN (55-855gf)	Hemisphere of ϕ 5.08	2.54	250
GSD-706S	Type A (old)	General rubber	JIS K 6301, Spring type A style	539-8379mN (55-855gf)	Truncated cone of ϕ 0.79 with 35° angle	2.54	250
GSD-743S	Type E2	Soft rubber	TECKLOCK E2 durometer	550-4300mN (56.1-438.6gf)	Hemisphere of R 2.50	2.50	250
GSD-744S	Type FO	Soft styrene foam	TECKLOCK FO durometer	550-4300mN (56.1-438.6gf)	Cylindrical cone of ϕ 25.2	2.50	250
GSD-750S	Type B	Medium-hard rubber	ASTM D 2240, Type B durometer	550-8050mN (56.1-821.1gf)	Conical corn of R 0.1 with 30° angle	2.50	250
GSD-751S	Type C	Hard rubber	ASTM D 2240, Type C durometer	0-44450mN (0-4533gf)	Truncated cone of ϕ 0.79 with 35° angle	2.50	250
GSD-752S	Type DO	Medium-hard rubber	ASTM D 2240, Type DO durometer	0-44450mN (0-4533gf)	Hemisphere of R 1.19	2.50	250
GSD-753S	Type O	Soft rubber	ASTM D 2240, Type O durometer	550-8050mN (56.1-821.1gf)	Hemisphere of R 1.19	2.50	250
GSD-754S	Type OO	Very soft rubber	ASTM D 2240, Type OO durometer	203-1111mN (20.7-113.3gf)	Hemisphere of R 1.19	2.50	250