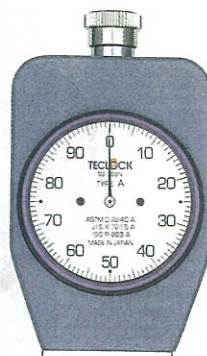


Compliance with JIS K 7215, ISO868 and ASTM D 2240 — standard Durometer for hardness test of plastic

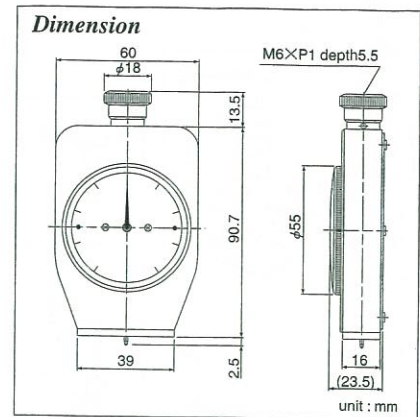
This standard is prescribed by plastic industry in Japan apart from testing method of hardness of rubber. This is basically equal to Durometer of JIS K 6253, as only its round up method of spring load value etc. is different. But we distinguish model name as another Durometer according to the view of conformity to standard.



GS-702N
Type D Durometer
Plastics
Hard rubber



GS-709N
Type A Durometer
General rubber
Soft plastic



Specifications

| Model | Type | APPLICATION / MATERIALS | Conform standards | Spring load value 0-100 | Indenter shape (mm) | Indenter height (mm) | Weight (g) |
|---------|-------------------------------|--------------------------------|-------------------|--------------------------|---|----------------------|------------|
| GS-702N | Type D | Plastics Hard rubber | JIS K 7215 | 0-44483mN (0-4536gf) | Conical Cone of R0.1 with 35° angle | 2.50 | 180 |
| GS-702G | Type D (Peak pointer type) | Plastics Hard rubber | | 0-44483mN (0-4536gf) | Conical Cone of R0.1 with 35° angle | 2.50 | 180 |
| GS-709N | Type A | Soft plastic General rubber | ASTM D 2240 | 549-8061mN (56-822gf) | Truncated Cone of ϕ 0.79 with 35° angle | 2.50 | 180 |
| GS-709G | Type A (Peak pointer type) | Soft plastic General rubber | | 549-8061mN (56-822gf) | Truncated Cone of ϕ 0.79 with 35° angle | 2.50 | 180 |

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Constant Pressure Load Instrument for Durometer



GS-710

Durometer is option

This is hydraulic exclusive instrument with constant speed / constant load, which has dissolved individual difference to measure rubber hardness. Each durometer of Type A,E,B,O and SRIS with fixing around 1kg weight and Type D, DO, C with fixing around 4kg weight can measure by static loading around 5kg. These load values are specified in ISO, JIS, ASTM.



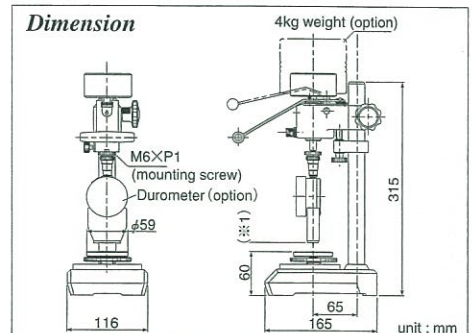
4kg weight
ZY-046 (option)

Specifications

| Model | Weight |
|--------|--------|
| GS-710 | 7kg |
| ZY-046 | 4kg |

| Load Value | Applicable Durometer type |
|------------|--------------------------------|
| About 1kg | A , B , E , A (old) , SRIS , O |
| About 5kg | D , C , DO , C (old) |

※ Dimension
(※1) Maximum workpiece Thickness
Digital Durometer : 20mm
Analog Durometer : 63mm



Durometer Tester GS-707 Series



GS-707

Durometer is option

This is an calibration instrument to simply confirm spring load value of analog type durometer. It inspects whether dial 25, 50 and 75 are correctly indicating by providing prescribed load to inverted durometer with 3 pieces of standard weight. Calibration Certificate for analog type durometers can be issued on request (option) but it is not available for Digital Durometer calibration method that durometer is erect condition by using mechanism of balance is introduced in domestic and international standard.

Renewal
GS-607

Specifications

| Model | Applicable Durometer model | Weight (kg) |
|---------|---------------------------------|-------------|
| GS-707 | GS-701N/GS-701G/GS-706N/GS-706G | 3.7 |
| GS-707A | GS-709N/GS-709G | 3.7 |
| GS-707B | GS-719N/GS-719G/GS-721N/GS-721G | 3.7 |

GS-607
GS-607A
GS-607B

