Durometer

Digital

Compliance with JIS K 6301 standard Vulcanized Rubber Physical Test (discontinued in 1998 August)





JIS K 6301 was established in 1950 and had sustained base of rubber industry of our country but was discontinued in 1998 because it did not comply with ISO and also JIS K 6253 was prescribed on its behalf. However, It had been used for 60 years as "Rubber hardness tester" and even now it is used as test data between certain parties in charge with mutual consensus although movement to new JIS has progressed and standard is discontinued. There are 2 models such as Spring type A and type C for hard rubber.

| Model | | Туре | Application / Materials | Conform Standards | Spring Load Value 0-100 | Indentor Shape (mm) | Indentor Height(mm) | Weight (g) |
|---------|----------|---------------------------------------|-------------------------|-------------------|-----------------------------|--|------------------------|---------------|
| Analog | GS-703N | JIS C(old type) | Hard rubber | JIS K 6301 | 980-44100mN (100-4500gf) | Truncated Cone of φ 0.79 with 35° angle | 2.54 | 200 |
| | GS-703G | Type C(old type) Peak Pointer type | Hard rubber | JIS K 6301 | 980-44100mN (100-4500gf) | Truncated Cone of φ 0.79 with 35° angle | 2.54 | 208 |
| | GS-706N | JIS A(old type) | General rubber | JIS K 6301 | 539-8385mN (55-855gf) | Truncated Cone of φ 0.79 with 35° angle | 2.54 | 200 |
| | GS-706G | Type A(old type) Peak Pointer type | General rubber | JIS K 6301 | 539-8385mN (55-855gf) | Truncated Cone of φ 0.79 with 35° angle | 2.54 | 208 |
| Digital | GSD-706K | Type A(old type) | General rubber | JIS K 6301 | 539-8385mN (55-855gf) | Truncated Cone of φ 0.79 with 35° angle | 2.54 | 313 |

Simplified Micro-Hardness Tester for Thin Sheet Hardness

Analog



This is simplified micro-hardness tester which measures hardness of thin sheet such as rubber and Estolamer. Height of indentor is 1mm that is 1per 2.5 of that of normal durometer. It is effective for dispersiveness of sheet hardness and its relative comparison. It is original standard of Teclock and designed so as to obtain the value similar to type A durometer.

| | Specifications | | | | | |
|------------|----------------|-----------------------|----------------------------|------------------------|------------------------|---------------|
| 779G | Model | Туре | Spring Load Value 0-100 | Indentor Shape (mm) | Indentor Height(mm) | Weight (g) |
| inter type | GS-779G | Type A approximate | 388-1288mN (9-131gf) | φ0.35 | 1 | 100 |



