

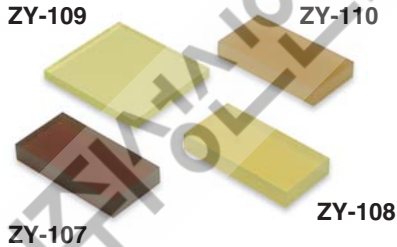


DUROMETER (RUBBER, PLASTIC HARDNESS TESTER)

Parts

Test Block (option)

These are rubber test pieces which can simply check whether accuracy of durometer is in the range of standard value. It is absolutely approximate value but accuracy of durometer can be easily controlled in a short period.



Specifications

Code No.	Type	Dimension (mm)	Applicable Durometer
ZY-107	Durometer A Hardness:50	40×80×12 thickness	GS-719N·GS-719G·GSD-719S Measuring value: nearly 50
ZY-108	Durometer A Hardness:80	40×80×12 thickness	GS9719N·GS-719G·GSD-719S Measuring value: nearly 80
ZY-109	Durometer D Hardness:40	70×80×7 thickness	GS-720N·GS-720G·GSD-720S Measuring value: nearly 40
ZY-110	Durometer E Hardness:80	40×80×12 thickness	GS-721N·GS-721G·GSD-721S Measuring value: nearly 80

*Durometers complying with these test pieces are Type A, Type D, Type E, which are compliant with JIS K 6253.
*Calibration Certificate about test pieces can not be issued.

Data

Comparison Table of measurement value by Durometer

This is a comparison table of measuring data of each Durometer based on Type A. As hardness value changes in the certain range due to various factors like temperature, humidity, dimension, shape and vulcanization condition, justification of complete correlation between each type is impossible. But please refer to the right table as comparison value.

TYPE A JIS K6253 JIS K7215	0	10	20	30	40	50	60	70	80	90	100
(old A) JIS K6301 (Discontinued standard)		10	20	30	40	50	60	70	80	90	
TYPE E JIS K6253			20	30	40	50	60	70	80	90	
TYPE SRIS SRIS 0101 (Discontinued standard)			20	30	40	50	60	70	80	90	
TYPE E2 TECLOCK E2			30	40	50	60	70	80	90		
TYPE D JIS K6253 JIS K7215						10		20	30	40	50
TYPE D0 ASTM D2240			10		20		30		40	50	60 70 80 90
TYPE O ASTM D2240			20	30	40	50	60	70	80		
TYPE O0 ASTM D2240			50	60	70	80	90				
TYPE B ASTM D2240		10		20			30	40	50	60	70 80 90
TYPE C ASTM D2240					10		20	30	40	50	60 70 80

Calibration Certificate can be issued for all of TECLOCK durometers (option)

Recently, Durometer is sometimes regarded as one of "inspection, measurement and test instrument" of ISO 9000 series. TECLOCK can issue so called 3 sets documents such as traceability system chart, calibration certificate and inspection certificate which are necessary for ISO. Details are to be referred at the nearest outlet.

