

Totally Automatic type IRHD / M method Micro – size International Rubber Hardness Tester

New JIS compliance

ISO compliance

GX-700

Available to use as durometer type A, E, E2, FO and OO.

Compliance with JIS K 6253

It can be measured as durometer in compliance with JIS K 6253 as approximate value.

Measured with totally automatic

Hardness of O ring and small rubber parts can be measured with totally automatic.

Improved technology for load system with voice coil motor

Voice coil motor is adopted for load system. Friction and reproducibility of inner mechanism is improved, which is different from weight system.

- It is plug-in type that plunger (contact point) can be easily changed and recalibration on test method change is not needed.
- As test piece table is wide, various measuring jigs can be set up.
- Certificate of calibration is available.

Specifications

Hardness testing method	IRHD · M-method	Durometer Hardness	
Compliance standards	ISO 48/JIS K 6253	ISO 7619/JIS K 6253	
Measuring accuracy	±0.1 IRHD	TECLOCK Standards/ASTM D 2240	JIS K 6253
		Type A/E ±1	TECLOCK Standards
		Type E2/FO ±1	ASTM D 2240
Type OO ±2			
Measuring range	30~100 IRHD	0 ~ 100	
Minimum indication unit	0.1		
Measurement part movable distance	100mm		
Measurable test-piece dimensions	W=160 / D=110 / H=100mm		
Conformity standards	EC Directive (EN61326)		
Outside interface	RS-232C		
Power	AC100~200 V / AdapterDC24V		
Weight	7.8kg (Main unit)/0.6kg (Power unit)		
Accessories	PC application CD (for Windows XP & 7)		
	PC connecting cables/AC adapter		
	Spare plunger (x1) (ZS-121) for IRHD		
Rubber specimen	ZY-917 6 types set (w/Inspection table)		

Other functions: Measurement time extension, Return-measurement function, Self-diagnosis function, Statistical processing (Relaxation curve, Average value, Median value etc)



■ O Ring Measuring Device for GX-700

This is the device for centering of O ring of which wire diameter is 0.5mm-10mm. The pin at stage center which fixes position of O ring slightly moves up/down and left/right independently and fixes the position. In addition, it is possible to rotate it to an arbitrary position.

Kindly contact us as to SmartTester GX-700.



TECLOCK Corporation
<http://www.teclock.co.jp> teclock@teclock.co.jp

HEAD OFFICE

2-10-3 NARUTA-CHO, OKAYA-SHI, NAGANO-KEN 394-0042

PHONE: 81-266-22-4912 FACSIMILE: 81-266-22-4914