

No. 221 Resilience Tester

Rebound resilience tester conforms to ISO 4662 (Tripsometer method)



■ APPLICATION

The **Resilience Tester** is “Tripsometer method” rebound resilience tester conforms to ISO 4662. All setting operations are performed on touch-screen. As for chucking of sample, sample is mounted by driving air cylinder by means of clamp switch. By turning on the release switch, the hammer gets released and test starts. The hammer is returned manually and is locked by turning off the release switch. The sample clamping unit of this machine is equipped with a heater for heating up to 70°C (upper limit). Heating test up to 70°C is possible by pre-heating the sample before conducting test. Test result data is output as text format data by means of supplied RS-232C port. Obtain this data by using a personal computer.

■ FEATURES

- High accuracy data-Since air bearing is used, frictional resistance is small and there is no need of reduction factor. Correction.
- Perfect sample clamping by using air cylinder.
- Independent temperature controller is used to control sample clamp temperature up to 70°C (upper limit).

■ SPECIFICATIONS

Model	A
Inertia disk	419mm (Diameter) x 14.3mm (Thickness)
Weight of inertia disk	16.5kg ± 50g
Mass of hammer	60g
Hammer edge	4mm diameter steel ball
Oscillation period	10 ± 0.5 sec
Angle detection	Optical sensing system
Zero set	Zero point preset by gauge
Bearing	Air bearing system
Clamp system	Air cylinder type sample clamp (Standard clamping force 2N)
Clamp unit temperature	Temperature control of up to 70°C (Upper limit) By independent temperature controller
Hammer release	Hammer release by switch (Lift up is manual)
Dimensions of sample	4,+0-0.1(Thickness) x 8,+0-0.1(Width) x 8 to 50(Length) mm
Control panel	Touch-screen
Interface	RS-232C
Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 0.7kVA
Dry air requirement	0.3MPa
Dimensions	W650 x D610 x H760mm
Related standards	ISO 4662 JIS K 6255

Specifications are subject to change without notice.



TOYO SEIKI SEISAKU-SHO, LTD.

5-15-4, Takinogawa, Kita-ku, Tokyo 114-8557, Japan

Tel:+81-3-3916-8183 Fax:+81-3-3916-8173

www.toyoseiki.co.jp

20191203 MN