



No. **184-A**

MCBURNEY INDENTATION TESTER



No. **184-B**

RESIDUAL INDENTATION TESTER



No.184-A

No.184-B

JIS-A1454, A5705

► FEATURE

■ No.184-A MCBURNEY INDENTATION TESTER

This tester is used to test the indentation of floor material. After adjusting the dial gauge to 0 within 5 seconds after setting an initial load of 9 N, the operator is to apply the 133 N load onto the test specimen and read the indentation depth after 1 minute has past.

■ No.184-B RESIDUAL INDENTATION TESTER

This tester is used to test the residual indentation of floor material. The operator is to apply 356 N of load onto the test specimen for 10 minutes (if the test specimen is a foamed material, 222 N of load for 5 minutes). After the test duration is met, the load is removed and the indentation depth of the test specimen after the load has been removed is measured after 60 minutes has passed.

► SPECIFICATION

Model	No.184-A	No.184-B
Test Load	Initial 9 N, Total 133 ± 1 N	356 ± 1 N, 222 ± 1 N
Indenter	Hemispherical Shape, φ6.35 ± 0.01 mm	Standard: Flat Shape, φ4.5 mm Famed Material: Hemispherical Shape, φ19 mm
Dial Gauge	Scale 1/100 mm, Stroke Max. 10 mm	Scale 1/100 mm, Stroke Max. 10 mm
Option	-	Automatic Loading Device, Timer
Dimensions/ Weight (Approx.)	W180 × D180 × H360 mm/ 18 kg	W350 × D350 × H800 mm/ 65 kg

No. **187**

OZONE AGING TESTER



No.187

JIS-K6259, ISO-1431

► FEATURE

This tester is used to evaluate the ozone resistance of vulcanized rubber and thermo-plastic rubber while exposed to static tensile strain, with air containing a definite concentration of ozone and at a definite temperature to examine the ozone resistance through observation of cracks. The tester can also apply dynamic tensile strain as an option. To control the ozone consistency, the tester adopts the ultraviolet absorption method.

► SPECIFICATION

Ozone Density	20 to 250 ppm
Ozone Generator	Ozone Lamp
Inner dimensions	500 × 500 × 500 mm (Volume of 0.125 m ³)
Ozone Density Measuring and Adjusting Device	Ultraviolet Absorption Method Indication and Recording, PID Control
Temperature Range	Max. 70 °C
Timer	Test Timer (Reset Type), Lamp Life Timer (Running Type)
Static Tensile Device	Tensile Strain 0 to 100 %, 16 Hangings, Rotation Speed 2 rpm
Dynamic Tensile Device (Option)	Reciprocal Motion Frequency 0.5 ± 0.025 Hz (30 ± 1.5 times/min), 12 Hangings
Option	Revolution Static Tensile Strain Device
Power Source	AC 200 V, 3-Phase, 20 A, 50/60 Hz
Dimensions/ Weight (Approx.)	Differs by Specifications.

*Power source, dimensions, weight may differ by specifications.