

No.102 / 103 GEER AGING OVEN 【YASUDA SEIKI】 For Evaluating Heat Aging Properties of Materials

No.102 GEER AGING OVEN

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JIS A5756、 B7757、 C3005、 K6257、 K6723、 K7212、 K7368、 ASTM D573、 D5374、 D5423、 E145、 UL-746B、 IEC-60216-4-1、 ISO 188、 4577



- This tester is the most widely used heat aging tester for rubber and plastic.
- Unlike ordinary heating ovens, the GEER AGING OVEN satisfies specifications indispensable to aging tests such as closed mechanism, uniform air velocity in the oven, ventilation rate measurement, and rotating specimen rack, which offers excellent reproducibility and reliable test results.

No.102 Specification

Specifications are subject to change without notice.		
Inner dimensions	W450 × D450 × H500 mm	W600 × D600 × H600 mm

Entire Heated Space Volume	225,225 cm ³	417,600 cm ³
Temperature range	Room Temperature + 20 to 300 °C *	Room Temperature + 20 to 300 °C *
Air velocity	Low: 0.5 ± 0.1 m/s, High: 1.0 ± 0.2 m/s (Controlled via touch panel)	Low: 0.5 ± 0.1 m/s, High: 1.0 ± 0.2 m/s (Controlled via touch panel)
Air Exchange Rate Measurement	Power Consumption Method	Power Consumption Method
Air Exchange Rate Control	Adjustable between 3 to 10 times/hr, 5 to 20 times/hr or over 60 times/hr	Adjustable between 3 to 10 times/hr, 5 to 20 times/hr or over 60 times/hr
Hanger Rotation Speed	7.5 ± 2.5 rpm	7.5 ± 2.5 rpm
Safety Device	Overheat Detection Device, Circuit Braker	Overheat Detection Device, Circuit Braker
Accessories	Specimen Hanger 2 stages, Clip 40 pcs, Shelf 2 pcs	Specimen Hanger 2 stages, Clip 40 pcs, Shelf 2 pcs
Option	CSV Output, Analog Voltage Output, UL Type Air Exchange Rate 100 to 200 times/hr modification	CSV Output, Analog Voltage Output, UL Type Air Exchange Rate 100 to 200 times/hr modification
Power	AC 200 V, 3-Phase, 30 A, 50/60 Hz (When Air Exchange Rate is 100 to 200 times/hr; AC 200 V, 3-Phase, 40 A, 50/60 Hz)	AC 200 V, 3-Phase, 40 A, 50/60 Hz

Dimensions/ Weight (Approx.)	SHF-S: W1,180 × D700 × H1,560 mm/ 300 kg SHF-SA: W1,250 × D700 × H1,650 mm/ 305 kg	SHF-S: W1,350 × D900 × H1,650 mm/ 372 kg SHF-SA: W1,400 × D900 × H1,750 mm/ 375 kg
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* Please contact us for 400 °C Type.

Models

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SHF-S	Equipped with air exchange rate measurement/display via touch panel. Damper is opened/closed manually.
SHF-SA	Equipped with air exchange rate measurement/display via touch panel. Automatic Damper Control.