



**YASUDA**  
— TESTING THE LIMITS —

## **No.102 GEER TYPE AGING OVEN【YASUDA SEIKI】 For Evaluating Heat Aging Properties of Materials**

### **No.102 GEER TYPE AGING OVEN**



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 TYPE 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.

## Specification

<b>Inner dimensions</b>	[Standard]W450 × D450 × H500 mm	[Special]W600 × D600 × H600 mm
<b>Chamber Capacity</b>	225,225 cm <sup>3</sup>	417,600 cm <sup>3</sup>
<b>Temperature range</b>	Room Temperature + 20 to 300 ° C *	Room Temperature + 20 to 300 ° C *
<b>Air velocity</b>	Low: 0.5 ± 0.1 m/s,  High: 1.0 ± 0.2 m/s (Controlled vie touch panel)	Low: 0.5 ± 0.1 m/s,  High: 1.0 ± 0.2 m/s (Controlled vie touch panel)
<b>Air Exchange Rate Measurement</b>	Power Consumption Method	Power Consumption Method

<b>Air Exchange Rate Control</b>	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
<b>Hanger Rotation Speed</b>	7.5 ± 2.5 rpm	7.5 ± 2.5 rpm
<b>Safety Device</b>	Overheat Detection Device, Circuit Braker	Overheat Detection Device, Circuit Braker
<b>Accessories</b>	Specimen Hanger 2 stages, Clip 40 pcs, Shelf 2 pcs	Specimen Hanger 2 stages, Clip 40 pcs, Shelf 2 pcs
<b>Option</b>	CSV Output, Analog Voltage Output, Miniprinter, UL Type,Air Exchange Rate 100 to 200 times/hr modification.	CSV Output, Analog Voltage Output, Miniprinter, UL Type,Air Exchange Rate 100 to 200 times/hr modification.
<b>Power source</b>	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

<b>Dimensions/ Weight (Approx.)</b>	[Standard]SHF-S:  W1,180 × D700 × H1,560 mm/ 290 kg	[Special]SHF-S:  W1,350 × D900 × H1,650 mm/ 365 kg
	SHF-SA:  W1,250 × D700 × H1,650 mm/ 300 kg	SHF-SA:  W1,400 × D900 × H1,750 mm/ 375 kg

\* Please contact us for 400 ° C Type.

## Models

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