



**YASUDA**  
— TESTING THE LIMITS —

**No.187 OZONE CRACKING TESTER |  
YASUDA SEIKI SEISAKUSHO LTD.  
providing you the best material  
testing equipment.**

**No.187 OZONE CRACKING TESTER**



JIS-K6259、 ISO-1431

This tester is used to evaluate the ozone resistance of vulcanized rubber and thermo-plastic rubber when exposed to static tensile strain, to air containing a definite concentration of ozone and at a definite temperature in circumstances that exclude the effects of direct light. Also, as an option, the tester enables to conduct dynamic tensile strain. To control the Ozone Consistency, the tester adopts the ultraviolet absorption method.

## **Specification**

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