



**YASUDA**  
— TESTING THE LIMITS —

**No.208 LOW-VOLTAGE CABLE  
ABRASION TESTER FOR  
AUTOMOBILE | YASUDA SEIKI  
SEISAKUSHO LTD. providing you the  
best material testing equipment.**

**No.208 LOW-VOLTAGE CABLE ABRASION  
TESTER FOR AUTOMOBILE**



JIS-C3406, JASO, ISO-6722

This tester is to evaluate the abrasion resistance of low voltage cables for automobiles according to the abrading tape method. Attaching the test specimen so that it touches the abrading tape and then the operator is to abrade the test specimen with the abrading tape at a prescript speed. The abrasion resistance value that is acquired by this method will be the length that the abrading tape abraded before the electric conductor touches the abrading tape.

## Specification

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### No.208 (JIS)

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<b>Model</b>	<b>No.208 (JIS)</b>
<b>Specimen</b>	L900 mm
<b>Weight</b>	Top R114 mm, Initial 450 g, 1,350 g, 1,900 g

<b>Electrode</b>	φ7 mm
<b>Abrasive Tape</b>	Material A, Grit #180, Conductive Pitch 150 mm, Conduction W10 mm
<b>Tape Speed</b>	1,500 mm/min
<b>Specimen Rotating Angle</b>	—
<b>Counter</b>	6 Digits Preset Counter
<b>Accessory</b>	Abrasive Tape: 5 pcs
<b>Power Source</b>	AC 100 V, 1-Phase, 5 A, 50/60 Hz
<b>Dimension/ Weight (Approx.)</b>	Tester Body: W610 × D290 × H410 mm, 25 kg Control Box: W230 × D310 × H260 mm, 5 kg W620 × D300 × H500 mm, 70 kg(LT)

## No.208-JASO

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<b>Model</b>	<b>No.208-JASO</b>
<b>Specimen</b>	L1 m
<b>Weight</b>	Top R114 mm, Initial $0.63 \pm 0.05$ N Additional Weight 50 to 1,500 g
<b>Electrode</b>	φ6.9 mm
<b>Abrasive Tape</b>	Material A, Grit #180, Conductive Pitch 150 mm, Conduction W10 mm

<b>Tape Speed</b>	1,500 ± 75 mm/min
<b>Specimen Rotating Angle</b>	0°, 90°, 180°, 270°
<b>Counter</b>	6 Digits Preset Counter
<b>Accessory</b>	Abrasive Tape: 5 pcs
<b>Power Source</b>	AC 100 V, 1-Phase, 5 A, 50/60 Hz
<b>Dimension/ Weight (Approx.)</b>	Tester Body: W610 × D290 × H410 mm, 25 kg Control Box: W230 × D310 × H260 mm, 5 kg W620 × D300 × H500 mm, 70 kg(LT)

## No.208-ISO6722

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<b>Model</b>	<b>No.208-ISO6722</b>
<b>Specimen</b>	L1 m
<b>Weight</b>	Top R114 mm, Initial 0.63 ± 0.05 N Additional Weight 50 to 1,500 g

<b>Electrode</b>	φ6.9 mm
<b>Abrasive Tape</b>	Material A, Grit #180, Conductive Pitch 75 mm, Conduction W10 mm
<b>Tape Speed</b>	1,500 ± 75 mm/min
<b>Specimen Rotating Angle</b>	0°, 90°, 180°, 270°
<b>Counter</b>	6 Digits Preset Counter
<b>Accessory</b>	Abrasive Tape: 5 pcs
<b>Power Source</b>	AC 100 V, 1-Phase, 5 A, 50/60 Hz
<b>Dimension/ Weight (Approx.)</b>	Tester Body: W610 × D290 × H410 mm, 25 kg Control Box: W230 × D310 × H260 mm, 5 kg W620 × D300 × H500 mm, 70 kg(LT)