



**YASUDA**  
— TESTING THE LIMITS —

**No.315 PUNCTURE RESISTANCE TESTER**

**| YASUDA SEIKI SEISAKUSHO LTD.**

**providing you the best material testing  
equipment.**

**Contents**

No.315 ELMENDORF TYPE TEARING RESISTANCE TESTER

No.315-D ELMENDORF TYPE TEARING RESISTANCE TESTER (DIGITAL)

**No.315 ELMENDORF TYPE TEARING RESISTANCE  
TESTER**



JIS-K7128-2, P8116, TAPPI-T414, ISO-1974, 6383-2

- This tester is used to evaluate tearing resistance of paper, paper board and plastic film according to the Elmendorf type tearing method.
- Swinging the fan shaped pendulum from a prescript height to tear the test specimen that has been cut beforehand.
- The operator is to read the workload to calculate the tearing resistance.

## Specification

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<b>Specifications are subject to change without notice.</b>	
<b>Model</b>	<b>No.315 ELMENDORF TYPE TEARING RESISTANCE TESTER</b>
<b>Standard Sheet</b>	Standard 16 sheets  (Scale 20 to 80 %)

<b>Capacity</b>	0 to 1,000 mN  (Scale 1 sheet/ 16 sheets)
<b>Specimen</b>	W63 $\pm$ 0.2 mm, L76 mm
<b>Slit Length</b>	20 mm (Rest 43.0 $\pm$ 0.5 mm)
<b>Chuck</b>	W36 mm, D15.0 $\pm$ 0.1 mm, Spacing 2.8 $\pm$ 0.3 mm
<b>Option</b>	—
<b>Power Source</b>	—
<b>Dimensions/ Weight (Approx.)</b>	W400 $\times$ D260 $\times$ H500 mm, 20 kg

## No.315-D ELMENDORF TYPE TEARING RESISTANCE TESTER (DIGITAL)



JIS-K7128-2、P8116、TAPPI-T414、ISO-1974、6383-2

- The digital type helps the operator to read the tearing resistance directly without having to calculate.
- Insert the number of the amount of test specimen to the touch panel and the device will automatically calculate the average tearing resistance from that amount.
- Also, the digital panel is equipped with loss energy calibration function so that pure tearing resistance of the test sample can be measured.

## Specification

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<b>Model</b>	<b>No.315-D ELMENDORF TYPE TEARING RESISTANCE TESTER (DIGITAL)</b>
<b>Standard Sheet</b>	Standard 16 sheets

	(Scale 20 to 80 %)
<b>Capacity</b>	0 to 1,000 mN  (Scale 1 sheet/ 16 sheets)
<b>Specimen</b>	W63 $\pm$ 0.2 mm, L76 mm
<b>Slit Length</b>	20 mm (Rest 43.0 $\pm$ 0.5 mm)
<b>Chuck</b>	W36 mm, D15.0 $\pm$ 0.1 mm, Spacing 2.8 $\pm$ 0.3 mm
<b>Option</b>	Digital Display Ver., Air Chuck
<b>Power Source</b>	AC 100 V, 1-Phase, 3 A, 50/60 Hz
<b>Dimensions/ Weight (Approx.)</b>	W580 $\times$ D380 $\times$ H600 mm, 40 kg