

USTER® ZWEIGLE SPLICE TESTER 4

TECHNICAL DATA

THE YARN INSPECTION SYSTEM

Rapid and flexible testing of yarn splices

Basic Installation

Overall Installation	<i>Functions:</i>	Measurement of breaking force and breaking elongation of a yarn splice
	<i>Included in the delivery:</i>	<ul style="list-style-type: none">• TESTING INSTRUMENT• Small printer
	<i>Application range:</i>	<ul style="list-style-type: none">• Testing principle CRE = constant rate of extension• Testing length 250 mm• Testing speed 250 mm/min• Force range 0 to 5000 cN• Evaluation of the force 1 cN

Application Software

Reports	<i>Type of reports:</i>	Test reports of measurement series
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Numerical Output of Results	<i>Strength:</i>	Determination of the breaking force in cN
	<i>Elongation:</i>	Determination of the breaking elongation in %

STATISTICS	<i>Statistical values:</i>	Overall result protocol with statistical data for each test series <ul style="list-style-type: none">• Mean value• Coefficient of variation CV• Min. value• Max. value
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General

Installation Data	<i>Electrical connections:</i>	Single phase mains with protective conductor
	<i>Mains voltage range:</i>	110 to 230 VAC; +6/-10%
	<i>Mains frequency:</i>	48 to 62 Hz
	<i>Power consumption:</i>	Max. 50 VA

Dimension Length 80 cm, width 30 cm, height 20 cm

Gross Weight of the Basic Installation	<ul style="list-style-type: none">• Standard: approx. 29 kg• Total: approx. 38 kg
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