

YARN LENGTH MEASURING SYSTEM YLM

CHEMISTRY
TECHNOLOGY
COMPETENCE



TECHNICAL DESCRIPTION

The graf Yarn Length Measuring System YLM is a sophisticated device to control the yarn length of cones or bobbins and it can be used for the calibration of the internal length measuring system of a winding machine.

TECHNICAL SPECIFICATIONS

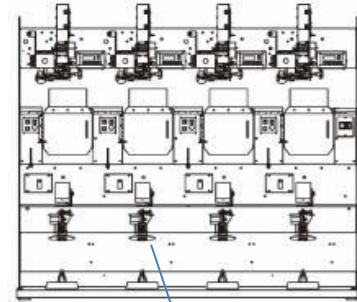
- *Maximum yarn speed: 1000 m/min*
- *Maximum countable yarn length: 99999,9 m or 999999 m*
- *Yarn tension range: 0-40 cN*
- *Yarn count range: 16 – 100 tex*
- *Guaranteed maximum measuring fault: 0,1 %*
- *Very reliable and precise*
- *Easy to use in the production , mobile use*
- *Cost saving, no waste of yarn, as the measurement is non-destructive*
- *Dimensions: L 85 cm X B 55 cm X H 105 cm*
- *Weight: approx. 70 kg*

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Winding
machine



Principle:

The cone or bobbin will be placed on the rack of the YLM.

The yarn must be feed through the yarn cutter, yarn break and yarn brake EFS. At the EFS you need to set the yarn tension as defined in DIN EN ISO 2060. Due to this the yarn tension does not influence the measurement.

The thread must be pulled through the Fournisseur MSF to the winding machine. Inside of the Fournisseur MSF the length measuring is taking place.

The measurement can be done under normal winding or even lubrication condition.

The winding length will be displayed at the meter counter of the YLM and automatically transferred to the included tablet.

