

MESSBOI 100 LC / LC-MID

Length measuring device with digital counter

Length measuring device
for big material

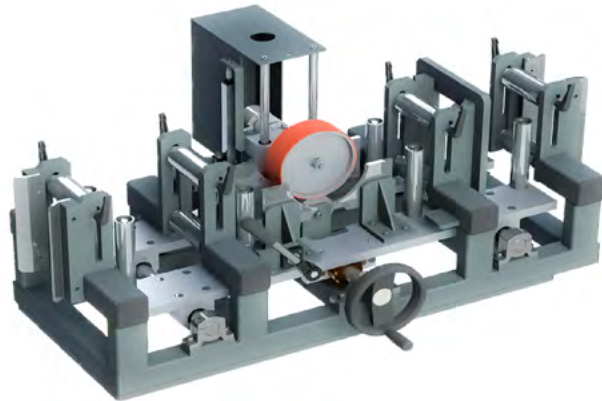


Fig.1 MESSBOI 100 LC with pre-selection counter in housing

MESSBOI 100 LC / LC-MID

- **Digital length measuring device for winding material-Ø max. 100 mm**

Functionality:

This length measuring device consists of a solid base body with guiding rollers to which the measuring device is mounted. The scanning of the material to be measured is ensured by a measuring wheel.

Technical data	MESSBOI 100 LC / LC-MID
Part No.	0492.000
Round cable-Ø with MID / conformity assessment	5 - 100 mm
Thickness range flat cable with MID / conformity assessment	4 - 20 mm
Width range flat cable with MID / conformity assessment	10 - 100 mm
Speed with MID / conformity assessment (depending on material)	max. 150 m / min
Circumference of measuring wheel	0,5 m
Rotary pulse encoder	500 Imp / per turn 24 VDC
Error limit regarding accuracy class III with roller cages	+ / - 0,5 %
Display of counter	99999,999 m
L x W x H (without roller cages)	approx. 1100 x 550 x 450 mm
Weight	approx. 80 kg

Basic equipment:

- Four sets of inlet and outlet rollers, adjustable in height and centrally adjustable in width
- Mechanical measuring wheel mounted on two pillar guides
- The length is measured by a measuring wheel
- Measuring wheel rests on the material due to its dead weight
- A rotary pulse encoder with connection cable
- A preselection counter LC MID with interface RS 232 with two potential-free electric contacts for controlling the fast motion / inching function of an adjustable winding drive or a luminous indicator. The counter is equipped with a plastic foil keyboard for inputting the data. Possibility of a conformity assessment (formerly first calibration) of the length measuring device with Kabelmat preselection counter and rotary pulse encoder in connection with additional inlet and outlet roller cages.
- Supervision of the calibration speed with luminous indicator.

Supplementary equipment:

- **Diameter recognition mounted on the MESSBOI 100 LC / LC-MID** to determine the diameter of winding good
- **Conformity assessment / MID (formerly first calibration)** of the length measuring device according module F with additional inlet and outlet roller cages is approved by German Authorities for a period of two years from date of delivery, valid for all EEA Member States. Conformity has to be carried out in the manufacturing firm. Prolongation of this approval after 2 years had expired is not included in the delivery.
 - **Automatic storage** of the cutting data
 - **Label printer** with interface to the preselection counter
 - **Holder** for label printer