



Loepfe

YarnMaster®

EOS

**PRECISE
ROTOR YARN
CLEARING**



YarnMaster® EOS

The trusted choice for rotor yarn clearing

The YarnMaster® EOS provides the most reliable yarn clearing results in the rotor spinning process and can be mounted on the widest variety of machines in the market. YarnMaster® EOS features an optical sensor that offers unrivaled stability and enables accurate yarn clearing with a low cut rate, tailored to the desired yarn quality.

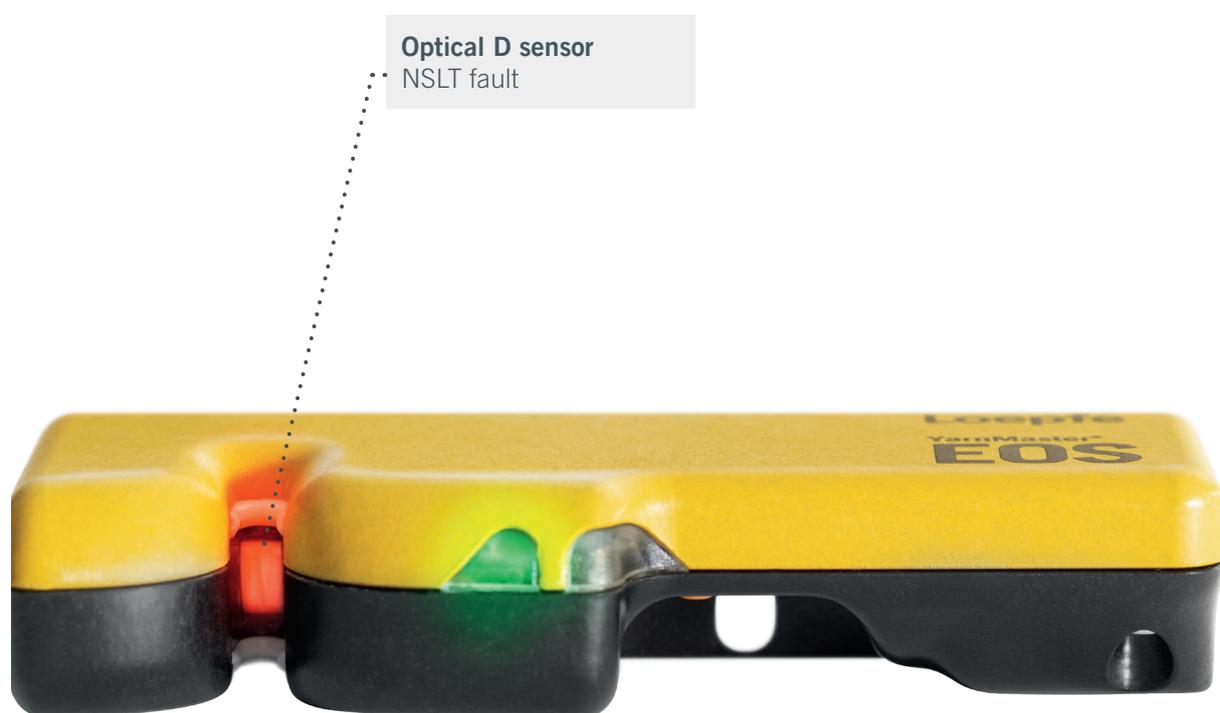
The optoelectronic technology brings yarn inspection and quality assessment closest to that of the human eye. The YarnMaster® EOS fulfills the combined requirements for consistent yarn quality and maximum machine efficiency.

YarnMaster EOS offers:

- Reliable quality control for the wide range of Ne 3 to Ne 100
- Constant yarn quality under all production conditions, such as temperature, humidity or the material to be processed
- 100% online quality assurance without complex laboratory measurements
- Maximum of machine efficiency
- Intuitive user interface for advanced yarn clearer functions

YarnMaster® EOS features:

- Fault classification with detection of spinning process related faults (NSLT)
- Detection of yarn faults such as piecer, yarn count, irregularity, sliver faults and imperfections
- Fast and reliable detection of periodic faults to prevent moiré effects in the fabric
- Detection of yarn hairiness
- Reliable detection of cluster faults



Optical D sensor
NSLT fault



Functional Range

EOS

Q-PACK (included option)

- Spectrogram
- Histogram
- Spectrogram alarm
- CVL curve

QUALITY DATA

Monitoring overview

- Current status and efficiency of all positions
- Zoom view of production group and selectable positions
- Efficiency trend

Yarn clearing

- Class clearing: NSLT
- Splice class clearing: NSLT
- Moiré

Classification

- Yarn faults: NSLT
- Splice faults: NSLT
- IPI: Neps, Thin, Thick
- List of positions and trend of defects

Count monitoring

- Yarn count channel
- Sliver count channel
- Reference mean alarm

Off-Standard

- Spectrogram alarm
- CVL curve

Reports

- Shift reports
- Shift calendar
- Event report

Administration

- Total 10 articles
- Total 2 groups

Service

- Remote access
- Import/export data on USB
- TK software update
- System snapshot

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Loepfe is part of the Vandewiele Group. Providing cutting-edge technology and effective solutions for the textile industry. Spinning mills around the world rely on our innovation at the highest level. Quality made in Switzerland.

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Disclaimer: The YarnMaster® EOS helps to improve yarn quality, the ultimate responsibility for the spinning quality lies with the spinner. Subject to technical modifications. YarnMaster and MillMaster are registered trademarks of Loepfe Brothers Ltd.