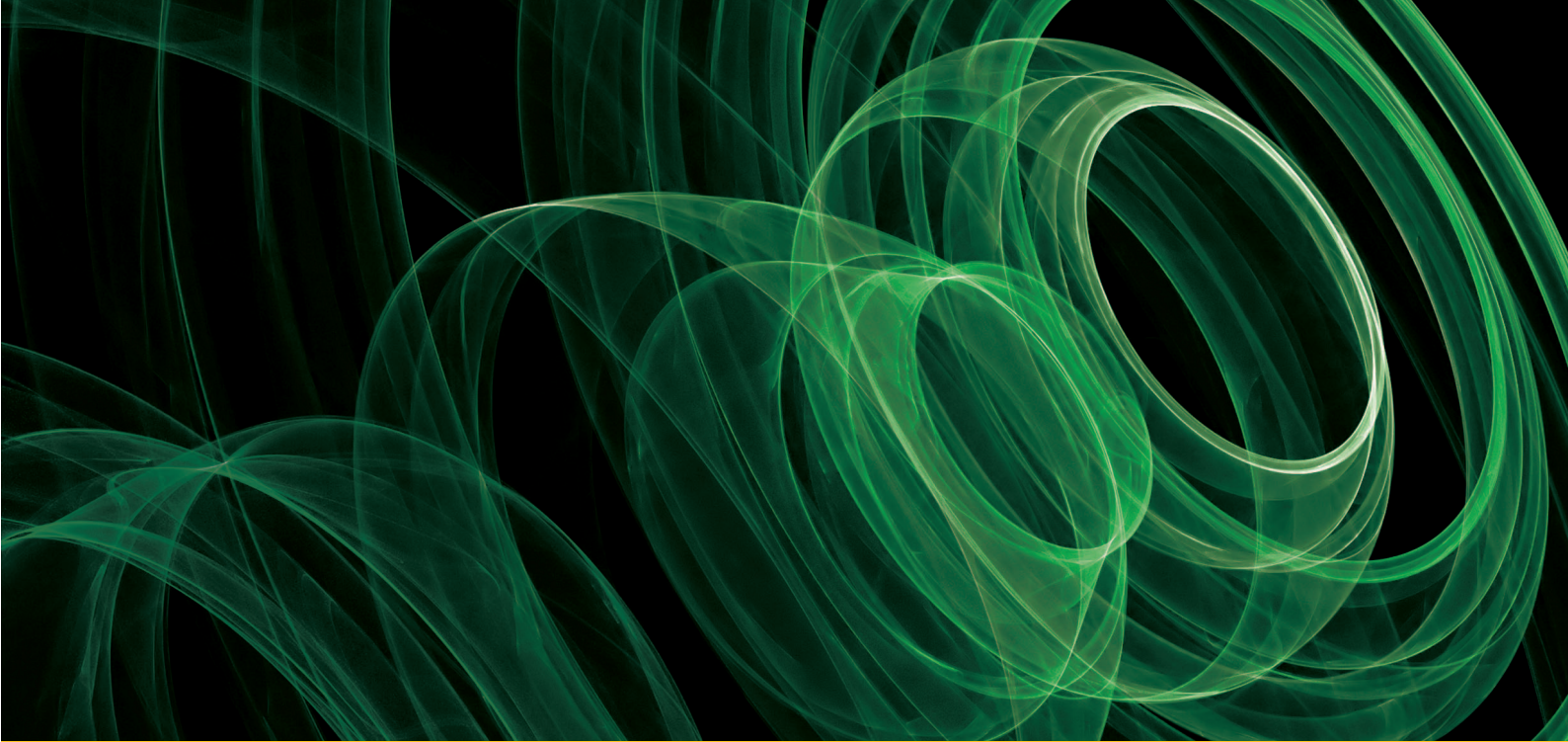




Loepfe



YARNMASTER® 3N1

DIGITAL ONLINE QUALITY CONTROL



Loepfe

OE SPINNING

WE HAVE THE QUALITY...

YARNMASTER® 3N1

Quality without compromise

LOEPFE's new YarnMaster 3N1 combines

- 1 Conventional clearer functions
- 2 F-sensor for detection of foreign matter
- 3 P-sensor for detection of synthetic foreign matter.

Optical precision principle

Your perfect solution is the 3N1. We provide long-standing and successful experience in optical measuring processes and ensure absolute precision in the detection and elimination of faults that can have negative effects on downstream processing or end products.

User interface

The 3N1 can communicate with any type of OE machine control.

The online laboratory

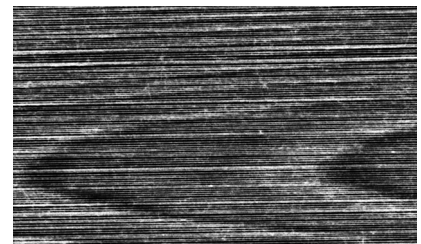
100% online quality assurance no longer implies expensive and lengthy laboratory measurements.

Online detection of:

- Moiré effects
- Yarn count faults
- Fibre sliver faults (CV%)
- Thick and thin places
- Imperfections (IPI)
- Hairiness

Your benefits

- Fulfillment of highest demands on yarn quality
- You determine your machine efficiency
- Desired quality with maximum possible machine efficiency



Moiré effect in yarn.

POLYPROPYLENE

The real P-SENSOR

Yarn contamination by polypropylene, polyester and other synthetic foreign matter causes production and quality losses.

Detection of synthetic foreign matter

- Irrespective of the yarn color and the foreign matter, for example, white and transparent polypropylene in raw-white yarn
- Even the finest foreign fibers
- With highest reliability thanks to many years of practical experience

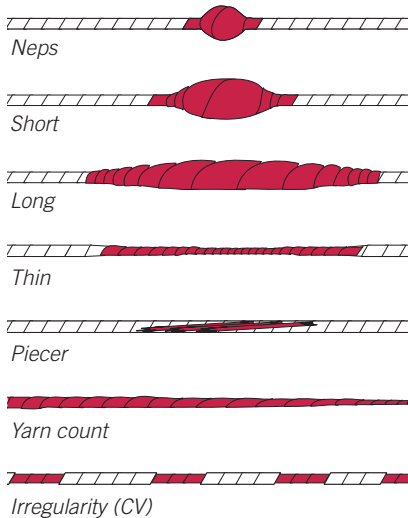


“Seeing more is decisive”

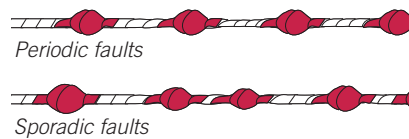
...YOU HAVE THE GUARANTEE

BASIC

Classification of Yarn Faults



Accumulation of Yarn Faults



FOREIGN MATTER

F-SENSOR for colored foreign matter

Foreign matter detection is performed from all sides allowing a permanent all-side detection of foreign fibers. In this way, the F-sensor can distinguish exactly between faults classified for exactly determined lengths or the frequency of faults.



Loepfe

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