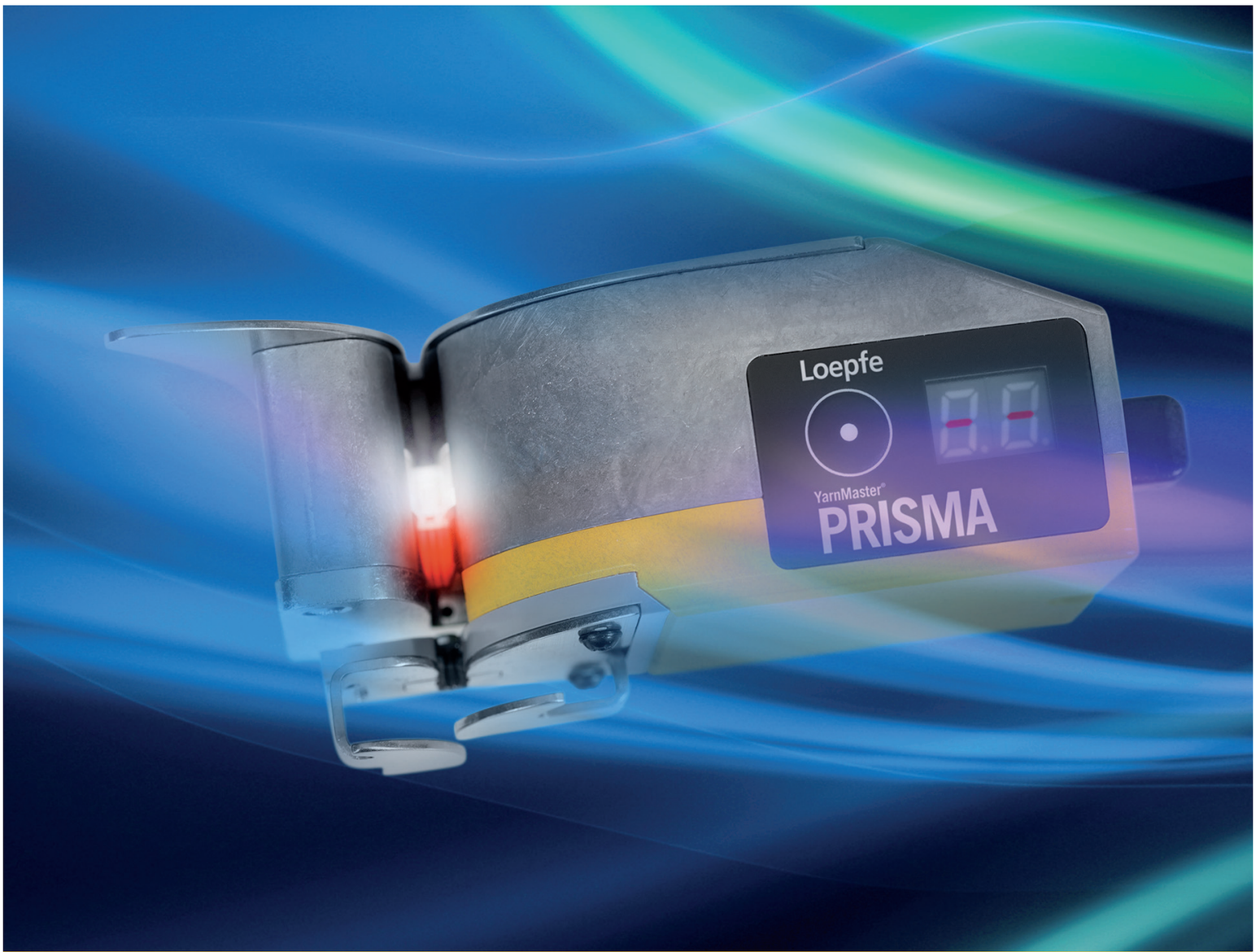
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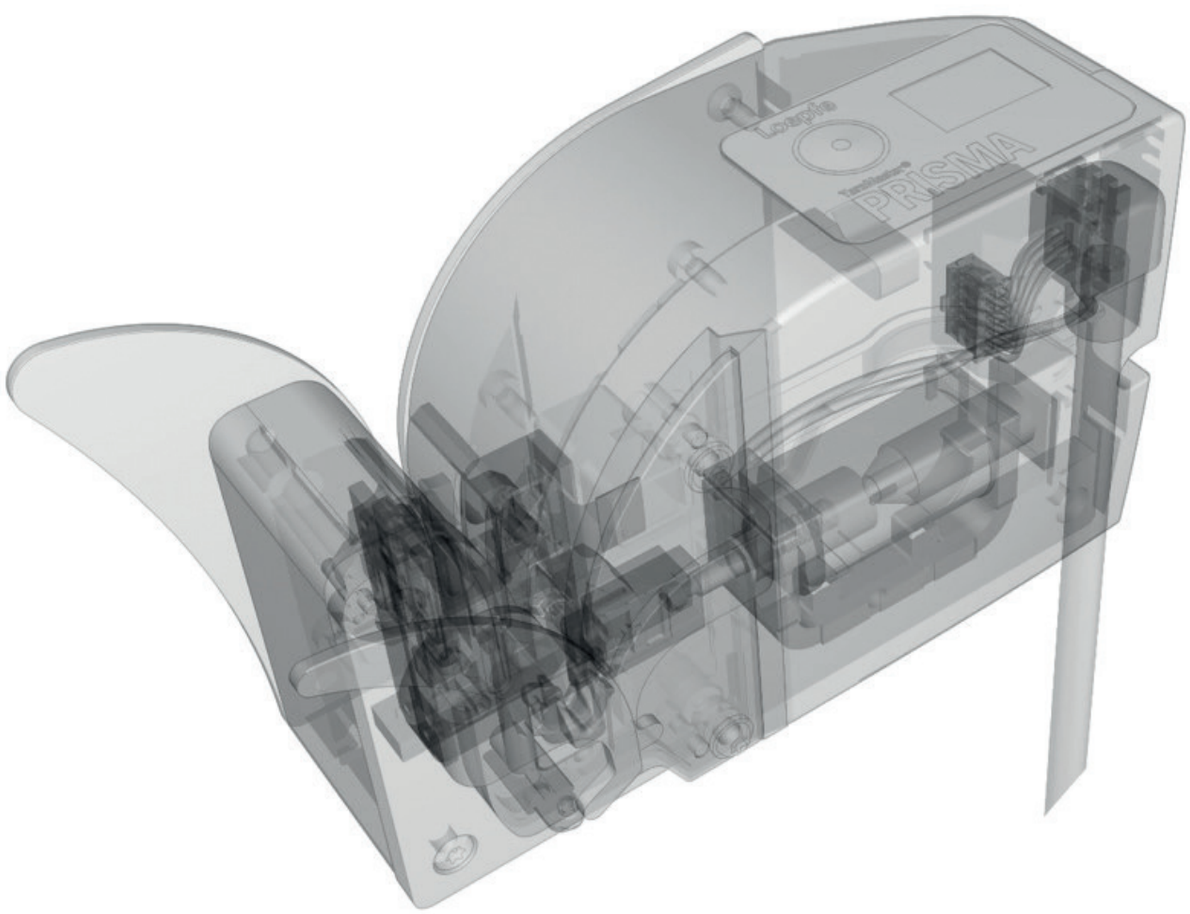


SPINNING SOLUTIONS
YarnMaster® PRISMA

OPEN UP A NEW WORLD
THE YARNMASTER® PRISMA GENERATION

Loepfe is driving forward developments and presenting a world first.

The latest YarnMaster® yarn clearer generation PRISMA sets new benchmarks in yarn clearing with its innovative fusion of sensor technologies.



+ WORLD OF INNOVATION

Loepfe has been pioneering yarn clearing technology for decades.

Our commitment to developing a comprehensive total quality control tool for the winding process is very challenging: With our unconventional new approach with the YarnMaster PRISMA concept, a new era in smart quality control has been initiated and is now available for the spinning industry.

The YarnMaster PRISMA concept offers a universal and multidimensional approach for spinners by comprehensively addressing all yarn quality problems related to material and the spinning process.

With the multi-sensor measurement design and functionalities of this innovative yarn clearing concept, the YarnMaster PRISMA supports spinners all around the world in mastering daily quality control.

A fusion of sensor technologies offers unparalleled performance and possibilities in quality control during the winding process.

+ WORLD OF BENEFITS

The quality data produced by this fusion of smart sensor technology lays the foundation for an extensive quality analysis. The unique wizard mode provides the user with specific options for optimizing the clearing settings.

Welcome to the new era of smart yarn clearing! We would like to invite you to explore and benefit from this «all-in-one» yarn clearing concept; Built to focus on your total quality control in yarn manufacturing.

A WORLD OF SENSORS
FIRST TIME EVER

+ A WORLD OF KNOW-HOW
THE INTELLIGENT COMBINATION IN ONE SENSOR

Four sensor technologies interact intelligently and ensure unprecedented fault visibility and data quality.

YarnMaster PRISMA combines all the established sensor technologies for the first time in one device.

➜ **Optical Infrared**	D	Basic yarn faults
➜ **Mass**	M	Basic yarn faults
➜ **Optical RGB**	F	Foreign Matter
➜ **Triboelectric**	P	Polypropylene

This world first sets standards and increases productivity and efficiency.

+ A WORLD FIRST
DM-SENSOR – DUAL MEASUREMENT FOR BASIC YARN FAULTS

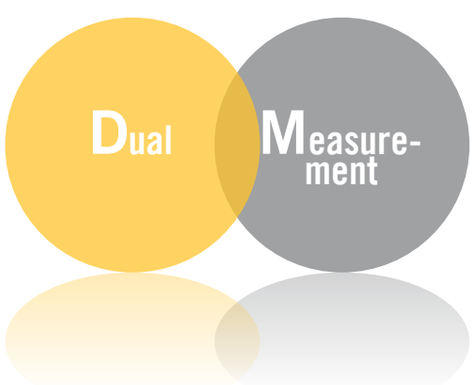
➜ **Two dominant sensor technologies** are integrated into one single sensing head.

➜ This unconventional approach to use an **optical and a mass sensor,** functioning in perfect harmony, offers unprecedented possibilities and new levels of precision in yarn clearing.

➜ With the **intelligent fusion** of the two sensor technologies, all technology-based advantages of both sensors are at your disposal and consolidated for your advantage.

➜ YarnMaster PRISMA yarn clearers backed with DM Sensor technology – ready for any challenge and ensuring economic production while **not compromising on quality**!





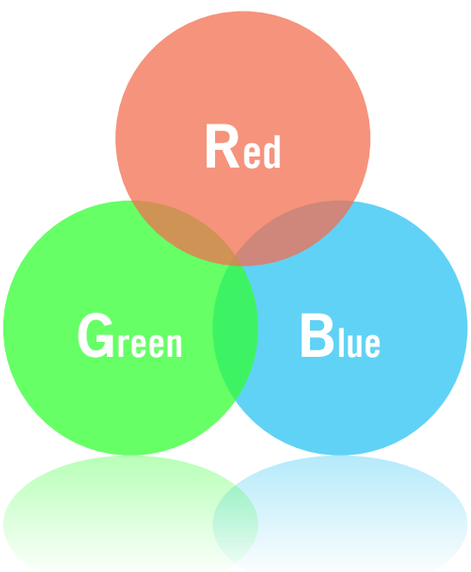
+ A WORLD OF COLORS
RGB F SENSOR – THE FULL SPECTRUM OF LIGHT - FOR FOREIGN MATTER

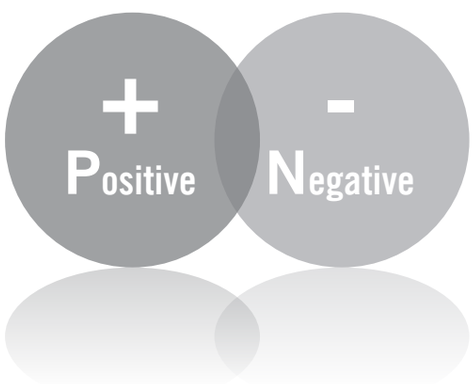
- YarnMaster PRISMA takes once again the leading role in foreign matter clearing.
- The all-new **RGB F Sensor** illuminates the yarn in the full spectrum of light.
- Enabling the recognition of the **smallest shade and glossiness differences** in any type of yarn and color and mixtures thereof.
- Sets a new benchmark today required in **contamination control** during winding process.
- Offering previously unachieved levels of safety and reliability in **foreign matter detection**.

+ A WORLD OF UNIQUENESS
P4 SENSOR – THE INVISIBLE BECOMES VISIBLE - FOR POLYPROPYLENE

The reliable **detection of white and transparent polypropylene** is a most difficult task in yarn clearing and requires a creative solution!

- Mastering the **triboelectric effect**
- **Evaluate the signal of an electric charge difference** generated by different raw materials during the winding process.
- YarnMaster PRISMA yarn clearers incorporated with the **new generation of P4 Sensors** complements the unique approach of Loepfe's unconventional yarn clearing concept of total quality control in the winding process.





A WORLD OF CONNECTIVITY
EASIER THAN EVER

+ A WORLD OF COMFORT
PRISMA GUI – EASY AND INTUITIVE OPERATION.

Effective online quality management is one of the key success factors for winding machines today.

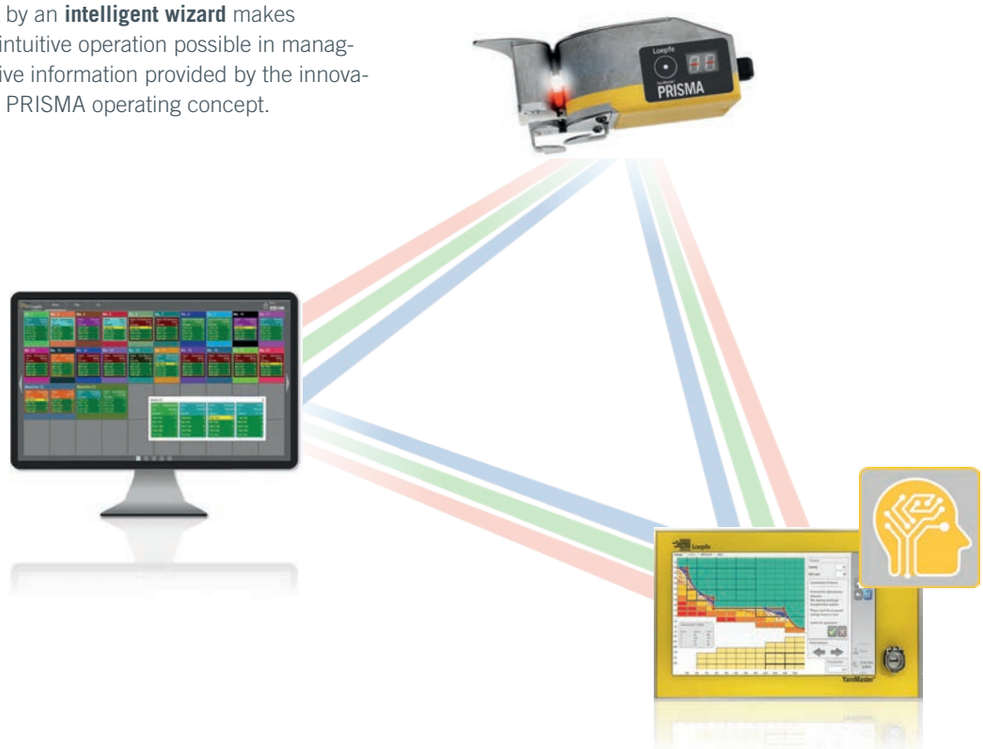
Loepfe allows you to analyze yarn quality more easily than ever and to evaluate data individually.

- With the **intelligent settings assistant «Brainmode»**, you can continuously optimize processes and make them more efficient.
- Our **data management cockpit** has never been easier to operate. Intuitive and consistently focused on benefits.
- Simple and intuitive **new PRISMA operating system**.
- **Easy operating and navigation** controls ensure a high user acceptance and productivity.
- The menu guidance by an **intelligent wizard** makes straightforward and intuitive operation possible in managing the comprehensive information provided by the innovative new YarnMaster PRISMA operating concept.

+ A WORLD OF DIGITALISATION
MILLMASTER TOP 2.0 – CONNECTS AND INFORMS.

Loepfe's data collection and management system MillMaster TOP 2.0 is an integrated part of the functional scope of the YarnMaster PRISMA WORLD and complements every Loepfe yarn clearer installation.

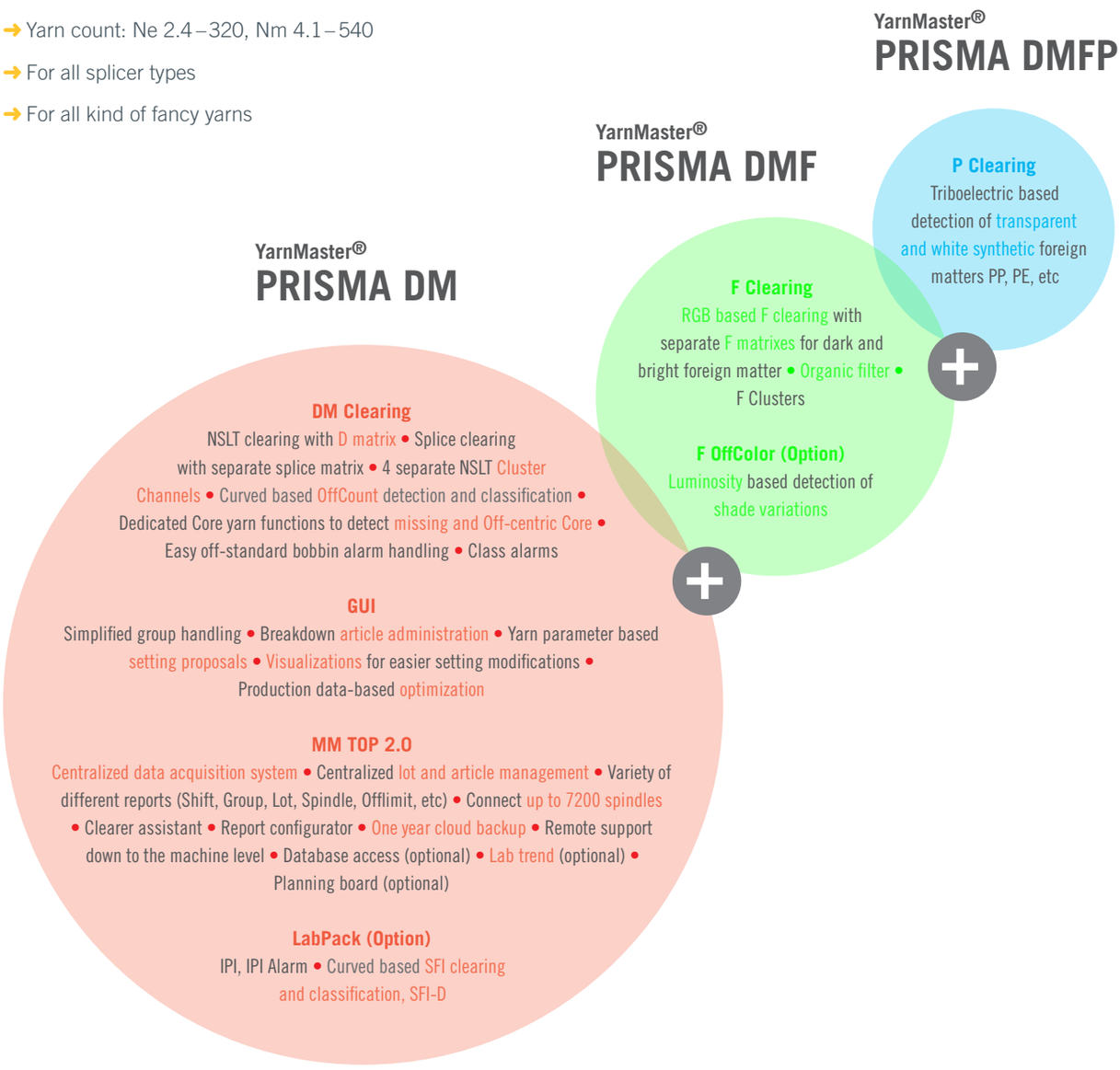
- **100% online monitoring of quality data** produced by the yarn clearers means less routine laboratory tests, which increases efficiency and reduces costs.
- Simple, **configurable data analysis** enables the right measures to be initiated with short reaction times.
- **Data comparisons over long periods** allow further increases in the yarn quality and the efficiency of the spinning process.



+ A WORLD OF APPLICATIONS

YARNMASTER PRISMA – DM, DMF AND DMFP

- One sensing head covers it all
- For all staple fiber yarns (Cotton, Synthetic, Blend, Mélange)
- Yarn count: Ne 2.4 – 320, Nm 4.1 – 540
- For all splicer types
- For all kind of fancy yarns



Loepfe

Loepfe is part of the SavioGroup and the world's leading manufacturer of electronic control systems for the textile industry. Machine manufacturers as well as spinning and weaving mills around the world rely on our innovation at the highest level, quality made in Switzerland. Built to be on top.

SPINNING SOLUTIONS
BUILT TO SEE MORE

WEAVING SOLUTIONS
BUILT TO CONTROL

Connect with the Loepfe world

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