



**MEASURE THROUGH THE CORE.
NOT JUST THE SURFACE.**



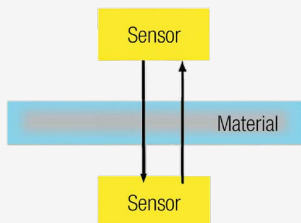
The M-Ray Moisture Sensor:
*The revolution that measures through the core,
where Infrared only scans the surface.*

TOTAL MOISTURE CONTROL: FROM SURFACE TO CORE

In the production of hygiene & personal care nonwovens, surface measurement isn't enough. The Marveloc M-Ray utilizes unique transmissive technology to measure water content through the entire thickness of your product.

HOW IT WORKS

Unlike traditional sensors, our M-Ray sensor and receiver work in tandem above and below the web. It measures the bulk, not just the outer layers, making it the most reliable solution for:



- ✓ **Hygiene products**
- ✓ **Baby wipes**
- ✓ **Absorbent batts**
- ✓ **Heavy webs**

KEY BENEFITS

- **Non-ionizing & safe:** 100% non-nuclear. No radioactive sources means lower TCO and no complex regulations.
- **Extreme speed:** With a latency of only 22 ms, you can adjust your process in real-time.
- **Superior precision:** Achieve a relative precision of 0.2% (sigma), even on heavy 500 gsm materials.
- **High stand-off:** A 200-400 mm distance between heads ensures even the thickest webs pass through safely.

We don't just measure, we safeguard your quality.

SEAMLESS INTEGRATION

The M-Ray Moisture Sensor is exclusively available as part of our Marveloc-CURTAIN scanner systems for high-performance inline monitoring.