

CNS BRAIN

**Innovative solution to increase
paper/cardboard sorting quality**



INCREASE QUALITY ON PAPER/CARDBOARD SORTING

- + Thanks to the combined use of NIR/VIS sensors and our Deep Learning technology
- + Advanced paper/cardboard classification
- + Close spacing between detection and ejection



QUICK AND EASY TO INTEGRATE

- + No additional hardware
- + «Ready-to-sort» models (ultra quick start-up)
- + Upgrades available for Mistral+ CONNECT and COMPACT+



ENERGY SOBRIETY

- + Frugal AI solution (no data storage in the cloud)
- + Very low operating costs

FLOW™ DETECTION

- Universal & unique spectrometer for all sorting applications
Coverage of the entire NIR/VIS spectrum
- Focused light for a more accurate signal
- Better signal to noise ratio

SERVICE

- Local support with skilled technicians
- 24/7 tele-assistance
- Expertise based on data
- Parts available quickly

SMART & SHARE



- Included with the Mistral+ CONNECT
- Quasi real-time data, OPC UA ready
- Ergonomic dashboards
- Customised reports



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Deep Learning technology, **CNS BRAIN**, is the perfect complement to our already high-performance **FLOW DETECTION spectrometer**. It avoids the confusion that sometimes occurs between white cardboard, cardboard boxes and newspapers or magazines, for example, which further enhances the sorting quality obtained by our machines.»

Kévin ALAZET

Artificial Intelligence Product Manager



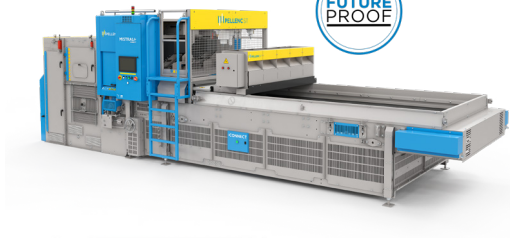
WHITE PAPER



WHITE CARDBOARD

Machine range & upgrades

MISTRAL+
CONNECT



COMPACT+



Options



Dual Eject



Multi-Channel Management



Top Speed



Metal Sensor



Standard: 25mm



High Resolution: 12,5mm

Specific use cases

	NIR/VIS	NIR/VIS + CNS BRAIN

- Beverage cardboard
- White paper
- Brown cardboard
- Mass-coloured cardboard
- Coated cardboard
- Non-brown non coated
- Newspaper