



Innovative solution dedicated to **sleeved PET** detection



OPTIMISED CAPTURE & PURITY OF CLEAR PET

- + Combination of NIR/VIS sensors and our Deep Learning technology
- + High capture and purity of clear PET bottles, including with sleeves
- + Close spacing between detection and ejection



QUICK AND EASY TO INTEGRATE

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



ENERGY OPTIMISATION

- + 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
- Optimized electronics, more precise signal

SERVICE

- Local support with skilled technicians
- 24/7 tele-assistance
- Data driven expertise
- Local spare parts stock

SMART & SHARE™



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

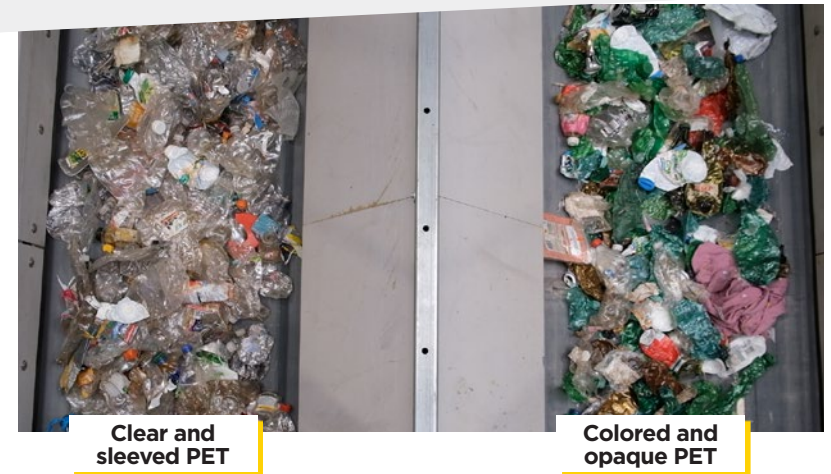


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Today, it's the combination of our sensors and technologies that makes all the difference.

With our **CNS BRAIN** solution and **Deep Learning algorithms**, we are able to sort a greater number of material families, such as PET sleeves.»

Sylvain DUISIT
Chief Technical Officer



Machine range & upgrades



Options



Dual Eject



Multi-Channel Management



Top Speed



Metal Sensor



Standard: 25mm



High Resolution: 12,5mm

Specific use cases

FULL-SLEEVED PET



NIR/VIS

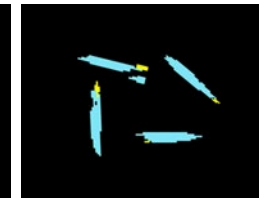


NIR/VIS + CNS BRAIN



- ☒ Clear PET
- ☒ Clear sleeved PET
- ☒ Colored PET

HALF-SLEEVED PET



DIRTY PET BOTTLES

