

UPGRADES 2023

Benefit from the latest innovations by upgrading your **MISTRAL+ or MISTRAL COMPACT**.

Launch in June 2023.



Benefits

- + Operation costs reduction:
 - Up to **30% less compressed air consumption**
 - Longer lamp life: **3000 hours**
- + Improvements of **2% to 10% in sorting quality and efficiency** (based on customised technical studies)
- + More setting autonomy thanks to **cursor**s
- + Quickly change **recipes** without stopping sorting
- + Optical sorter ready to integrate our **Artificial Intelligence technologies**



Content

Energy consumption reduction

- + Optimised permanent air flow
- + Ejection pressure decrease
- + New standards for splitters settings

State-of-the-art in detection & software

- + New spectrometer with wider wavelengths coverage for FLOW upgrade only
- + Dedicated training in the use of new CNS+ software
- + New algorithms and more powerful calculations

Optimised maintenance & ergonomics

- + New lighting system
- + New 15.6" HD screen for COMPACT

FOCUS



CNS BRAIN



AISEE

Artificial Intelligence technologies compatible after FLOW Upgrades on MISTRAL+ only



	UPGRADES COMPACT		UPGRADES MISTRAL+	
	CNS+	FLOW or FLOW Dual Vision	CNS+	FLOW or FLOW Dual Vision
New FLOW spectrometer		✓		✓
New CNS+ software	✓	✓	✓	✓
New computer			✓*	✓*
New screen	✓	✓		
PLC cards change			✓*	✓*
New lamps power supply	✓	✓	✓	✓

* only for some versions

Recommendations by application

Technical studies on request

	Upgrade CNS+	Upgrade FLOW or FLOW Dual Vision
3D - Plastic by type	✓	✓
2D - Mix fiber or mix film sorting	✓	✓
Clear PET bottles vs. Clear PET trays	✓	✓
Clear PET vs. Colored PET	✓	✓
Textile vs. PET bottles		✓
Paper vs. Cardboard		✓
PE film vs. Multilayer film		✓
LLDPE film vs. LDPE film		✓
Textiles (cotton, polyester, polycotton, ...)		✓

UK CONTACT

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