

UPGRADES

CNS+
UPGRADE
Central Nervous System

FLOW
UPGRADE
Focused Light Optimized Wavelengths

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 **cursors**
- + Quickly change **recipes** without stopping sorting
- + Optical sorter ready to integrate our **Artificial Intelligence technologies**



PAPER/CARDBOARD



PET



LDPE/LLDPE

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

AI SORT

Artificial Intelligence technologies compatible after FLOW Upgrades on MISTRAL+ only



Available on request from your sales or customer service contact

	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, ...)		✓

Service



Local team
of experts



Technical
diagnosis

Applications

