

## UPGRADES



**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



*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, ...)		✓

## Service



Local team of experts



Technical diagnosis

## Applications

