

AI Technology



OPTI'S 4-6

Integrated to the Opti'S color sorters advanced AI (Smart mode) creates a sorting program scanning good and bad samples assuming their color, size, surface and shape.

Automatically chosen parameters do not depend on the staff qualifications. It helps to reach top results.

The software allows to use "master"- camera which adjustments are automatically shared with other sections of the machine. This technical feature lays behind precise sorting and usability.

The smart small adjusting mode suits parameters just during the sorting to keep top results even by input quality changing products.

FRANCE **INDUS^{TRI}**

Shape Sorting

AI (Smart) Mode

High capacity by difficult products



High precision
sorting



Sorting in visiblelight
or IR spectrum



Reliable
service



Quick adjusting
for product



Efficient
operation



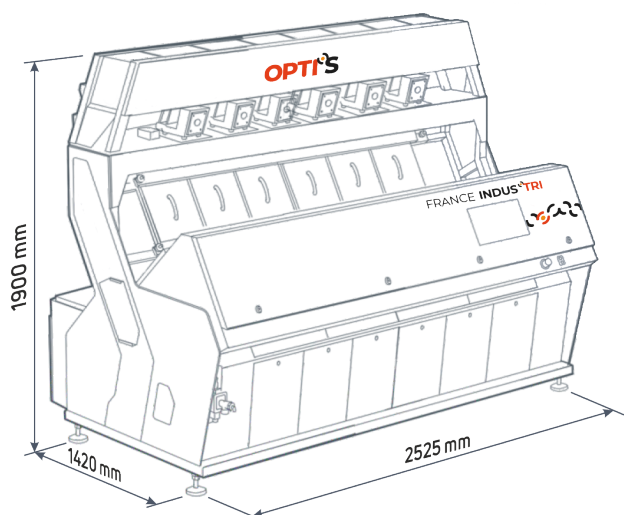
High resolution
lenses



OPTIS 4-6

MULTIGRAIN COLOR SORTER

**Parameters: Smart AI mode, Cloud Tech,
Ultrapowerful lighting, Extralight – optional**



4 sections



5 sections



6 sections

Cleanliness coefficient, %, min.*	99.5
CCD-matrix resolution (per chute), pixel	5400
Power, V / Hz	230 / 50
Air pressure, MPa	from 0.6 to 0.8
Air purity according, ISO 8573-1:	<ul style="list-style-type: none">• particles 1• humidity 4• oil 1
Maximum air consumption (at 0.6 MPa), m ³ /h	960
Air consumption for the aspiration, m ³ /h, max.:	<ul style="list-style-type: none">• standard aspiration 3700• with additional aspiration nozzles on chutes 6100
Electric shock protection class according to EC 61140-2012	I
Degree of protection provided by enclosures	IP54
Ambient temperature, °C	from 5 to 40
Relative air humidity at the temperature of 25 °C, %	from 20 to 80
Noise level at the work site, dBA, max.	90

* With the initial content of foreign materials of 2% or less and the volume weight of the product of 0.750 t/m³

	4 section	5 sections	6 sections
Number of channels	216	270	324
Production capacity (for wheat), tons per hour*	28	35	42
Nominal power, kW	3.0	3.3	3.5
Air consumption for the technical process (wheat), m ³ /h, max.*	160	200	240
Weight, kg, max.	1000	1050	1100

FRANCE INDUS^{TRI}

CONTACT :

Dauren KUSSAINOV

+33 6 29 57 32 83

france-indus-tri.fr

