



SCIENTIFIC AND MANUFACTURING FIRM

PRODECOLOGIA

We know better what customer needs!

28
YEARS

of the experience
and
the innovations



Color Sorters SmartSort



Designed for a sorting of wide range of bulk products not only by color but also by form and texture, with high accuracy by the intellectual quality control system for sorting products.

Applies at the agricultural enterprises to clean grain crops, at the glass production factories for cullet sorting, at the recycling plants for sorting crushed plastic by color.

#	Name of parameter	SmartSort 1	SmartSort 2	SmartSort 3
1	Number of channels	54	108	162
2	Productivity (wheat), t/h, not less *	4	8	12
3	Coefficient of purification, %, not less **	99,5		
4	Resolution of CCD-matrix (per one tray), pixel	2048		
5	Input voltage, V	220±5		
6	Network frequency, Hz	50±1		
7	Nominal power consumption, kW	0,6	0,8	1,0
8	Air pressure, MPa	0,6		
9	Air consumption per technological process, m ³ /h, not more	65	130	195
10	Ambient temperature, °C	from 5 to 40		
11	Relative humidity at 25°C, %	from 20 to 80		
12	Air consumption for aspiration, m ³ / h, not mor	1800		
13	Overall dimensions, mm: - length	1488		
	- width	1500		
	- height	1980		
14	Weight, kg, not more	550	600	650
15	Electric shock protection class	1		
16	Degree of protection of electrical equipment	Ip54		
17	Resource, hours	41000		
18	The sound level at the workplace, dB, not more	80		
19	Adjustable in frequency the level of vibration acceleration at the workplace, dB, not more	100		

1. * Productivity depends on the type and level of pollution of the sorting product.

2. ** When the initial pollution less than 2% and wheat bulk weight 0.750 t/m³.

CONTACTS:

33024, Rivne, Ukraine, Mlynivska str. 32
tel. +38 067 363 82 16, +38 050 461 49 39,
+38 050 460 08 99
e-mail: separator@prodecolog.com.ua
www.prodecolog.com.ua

