



LIGHT COLOR SORTER TORONGV™ PRO SERIES

Light Color Sorter ToronGV™ Pro Series delivers high-precision sorting with advanced sensors and 360° recognition technology, efficiently separating light-colored plastic flakes with up to 99.8% accuracy. Designed for high-throughput operations, it adapts to various sorting needs, ensuring optimal performance in food-grade PET and other materials.

APPLICATIONS

Light Color Sorter ToronGV Pro Series

Main Applications

1. Building on the exceptional color sorting capabilities of the ToronGV™ Series, the Pro version delivers enhanced performance in sorting extremely light-colored plastic flakes.
2. Primarily used for purifying food-grade PET flakes, the ToronGV™ Pro can detect and separate light green, light blue, and light yellow plastic flakes.
3. It's also effective for purifying single-color flakes and those with slight color variations in ABS, PP, and PE materials.
4. Ideal for processing blue-white flakes, the ToronGV™ Pro accurately identifies and separates light green and light yellow particles.
5. Offers flexible settings to meet your specific requirements.

FEATURES

Color Sorting Version 4.0

The S-Class professional vision system features high-definition imaging and a 360° surround recognition lens, allowing it to accurately detect subtle color differences and handle a wide range of color sorting requirements.

High and Stable Throughput

With high-throughput feeding, multiple chute sorting, and an anti-blocking material design, the system supports long-term, unmanned operation, fully meeting your production needs.

Flexible Support

Supports normal sorting, reverse sorting, single sorting, re-sorting, and five-time sorting. It offers strong versatility and can be adjusted to suit your specific process needs.

High Accuracy

High-speed sensors, chips, and "missile guidance" systems ensure sorting accuracy rates of up to 99.8%.

TECHNICAL SPECIFICATIONS

Model	ToronGV™ 5 Pro	ToronGV™ 6 Pro	ToronGV™ 7 Pro	ToronGV™ 8 Pro	ToronGV™ 10 Pro	ToronGV™ 12 Pro
Accuracy (%)	>99.8%	>99.8%	>99.8%	>99.8%	>99.8%	>99.8%
Throughput (T/H)	1.8-3.5	2-4	2.8-5.6	3-6	4-8	5-10

Model	ToronGV™ 5 Pro	ToronGV™ 6 Pro	ToronGV™ 7 Pro	ToronGV™ 8 Pro	ToronGV™ 10 Pro	ToronGV™ 12 Pro
Air Consumption (m³/min)	<2.5	<3	<3.5	<4	<5	<6.5
Power (kW)	3.7	4.4	5.2	5.9	7.3	8.7
Voltage/Frequency	AC220V/50HZ (110V is also available)					
Air Pressure (MPa)	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8
Weight (kg)	1300	1450	1600	1700	2050	2250
Dimension (mm) (L x W x H)	2348 x 1829 x 1887	2663 x 1829 x 1887	2978 x 1829 x 1887	3293 x 1829 x 1887	3933 x 1829 x 1887	4563 x 1829 x 1887

Note: Parameters listed are for reference only and may vary depending on the application and feed conditions.



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