The Next Generation Faith

NEXORT®

Authorised Business Partner

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A++® UNIQUE   NEXORT® COLOR SORTER

Vision Of New Genretion

High Quality Ejector
High End Led Light System
Prefect Machine Preformance

Nexort Innovation
· *Better Performance* · *Better Food* · *Better Business*

- Assured sorting Performance
- Best in industry Service Network
- Higher Machine up time & Lesser maintenance

TECHNICAL CHARACTERISTICS

HIGH RELIABILITY

- The machine structure is designed for reliability and more stability. Introducing a cooling system to improve the operational life and stability of the machine.
- The electrical and optical design system is meant for simplicity and efficiency.

ADVANCED CAMERA IMAGE SYSTEM

- Using NEXORT custom ultra clear real Tri-color CCD camera of 5400 Pixel technology, with HD & Low distortion lens, which can scan material over 30000 times in one second, micro level identification can bring us a faster sorting process, a more accurate sorting result, and a better carryover rate.
- This enable distinguhing the hetero-chromatic defects upto 0.04mm accurately.
- Use of imported LED light source with adjustable illumination ensures higher brightness. longer service life, more stability and better performance.

INTELLIGENT TECHNOLOGY

- According to the characteristics of the material, matching the best classification plan and restoring he requirement of custom for material sorting: using professional self learning and one key automatic technology to provide the best and most economical solution.

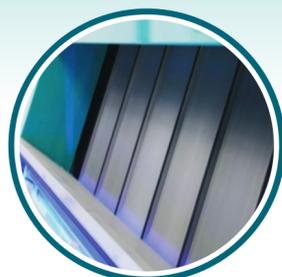### MAGNETICALLY LEVITATED HIGH-SPEED EJECTOR

- Using NEXORT unique technology, ejector can completely match the whole machine, with a long using life with super low air consumption.

CLEANING-SOFFT LANDING & DIGITAL PROMISE SYSTEM

- Individually configurable cleaning system for each channel. cleaning interval is three time more than other common color sorters, improving the benefits of custom in a same time.
- According to the design of system dynamics, ensuring the soft load for material, reducing the probability of a rebound, fragmentation and loss of materials.
- According to the brightness output with adaptive technology, for achieving an optimizing and stable sorting feature.
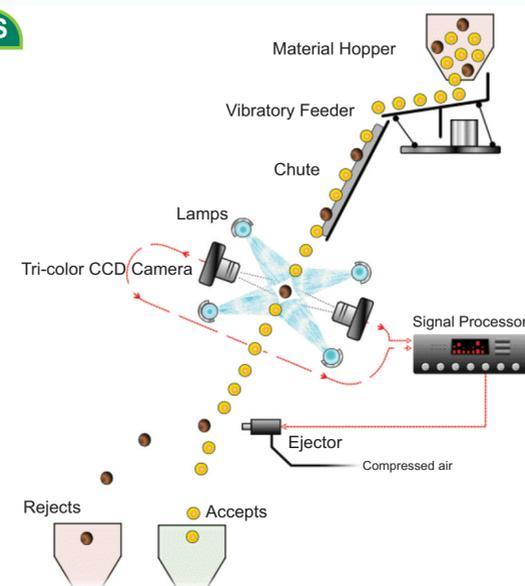
FLEXIBLE MODE APPLICABLE TO A WIDE RANGE

- In view of different types of rice, our sorter can de configured in different operating modes for different sorting.

SCHEMATIC OF SORTING OPERATION

HOW IT WORKS

TECHNICAL PARAMETERS

MODEL	6 SXM-128B7 NEX-128	6 SXM-192B4 NEX-192	6 SXM-256B4 NEX-256	6 SXM-320B4 NEX-320	6 SXM-384B4 NEX-384	6 SXM-448B4 NEX-448
Thoughput(t/h)	1.5-3	2.5-5	3-6	3.5-7	4-8	4.5-8.5
Channels	128	192	256	320	384	448
Voltage (V)	180-240(50Hz)	180-240(50Hz)	180-240(50Hz)	180-240(50Hz)	180-240(50Hz)	180-240(50Hz)
Power of Main Machine (KW)	1.4	1.8	2.3	2.9	3.4	4
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
Air Consumption (L/S)	<1.3	<1.8	<2.5	<3.0	<3.5	<3.9
Dimension (LxWxH)(mm)	1455x1564x2140	1455x1564x2140	2075X1564X2140	2075X1564X2140	2625X1564X2140	2625X1564X2140
Weight (Approx kg)	700	800	950	1050	1220	1320

NEXORT is a global phenomenon in optical sorting. its technique gives the 'best yield & efficiency of any optical sorting & even at the highest production capacities. It sorts different commodities.

◆ RICE ◆ PULSES ◆ BEANS ◆ NUTS ◆ GRAINS ◆ SEEDS ◆ TEA ◆ COFFEE ◆ SPICES ◆ DEHYDRATES ◆ PLASTICS
◆ Specification may change without prior notice due to continuos research & development
◆ The Color performance above is with impurity content of 2% as an example. Specific index may vary with the difference in material and impurities.