



RICE COLOR SORTER

TRON INTELLIGENT TRI-CHROMATIC CCD RICE COLOR SORTER

With Intelligent Cloud
Interconnection To Sort
The Rice using Latest
Technology

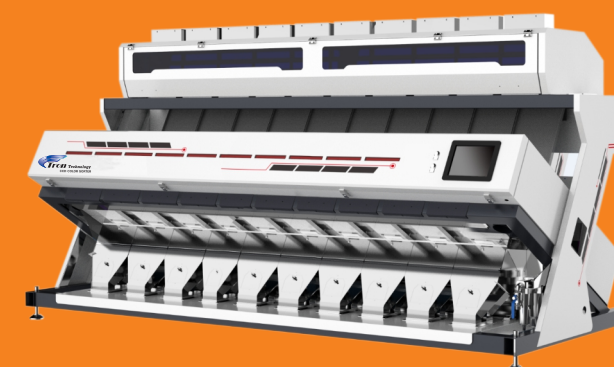
SORTING GOODNESS
DELIVERING HAPPINESS

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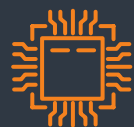
www.tronsorter.com

Honor Intelligent



Ai Intelligent Sorting

Internet + mobile APP, realize remote control, smart backup, and language recognition



High-precision Image Processing System

The ingenious combination of imaging and recognition systems can magnify and comprehensively recognize various colors, shapes, textures and other features, and realize the most abundant functions with the simplest system



AMD Big Data

Cloud storage, massive database, a wide range of rice material solutions, multiple selections in one machine



Dust Removal And Breakage Prevention

Adopting feeding protection + soft landing and buffering device, the dust removal is not reversed, and the breakage of rice materials is reduced



Balanced Feeding

Self-adaptive material level flow rate system, vibrator equalizes the flow, guarantees the sorting effect



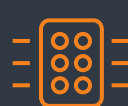
Self-coordination Background

The brightness of the background light can be adjusted freely, and the colorful background can be switched



Cross Positioning

Centroid coordinate algorithm, material cross positioning



Super Alloy High Frequency Ejectors

National patent, high frequency and low consumption, wear-resistant super alloy, lifetime matching



Intelligent Quality Control

Real-time statistics of the output of rice materials, yellowing, different color, crushing, etc., and support for historical data query

Sorting Application

Light yellow



Chalky



Yellow & Chalky



Sticky rice yellow & transparent



More rice color sorting application



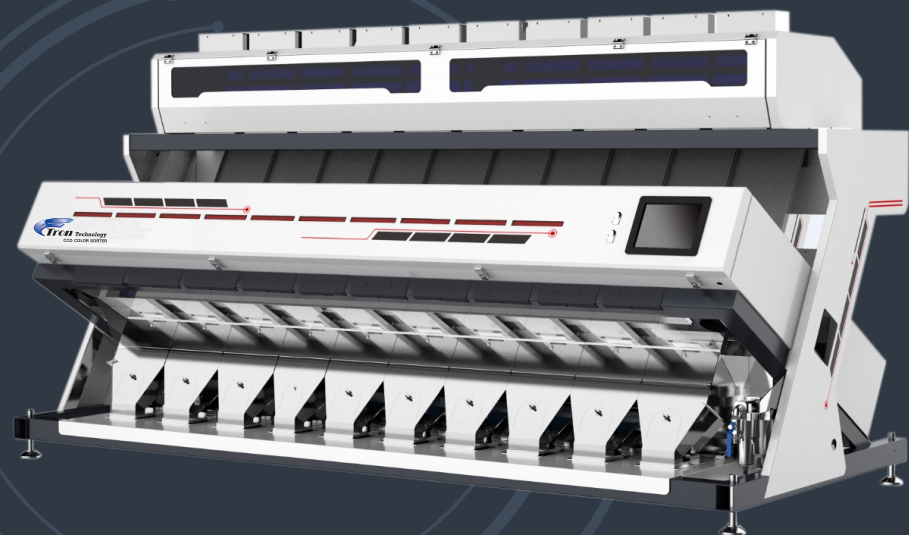
Shape sorting application



Foreign matter rejections



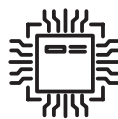
Honor Intelligent



Minimalist Design
Optimized structural design
Technology and aesthetics



Cost-effective
Keep it simple
Meet more customer needs



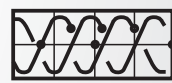
Pure Sorting Performance
Starting from the core,
strengthening core technology
promote a new world of
rice sorting



Smart Backup
Color sorting parameters
Back up at any time,
Call at any time



Feeding protection
More protection
More intimate



Balanced flow rate control
Cutting flow rate detection
Timely analysis, timely control

FROM THE HEART, SUPERB SORTING

CORE POWER, WISDOM BREAKTHROUGH

Product Parameters

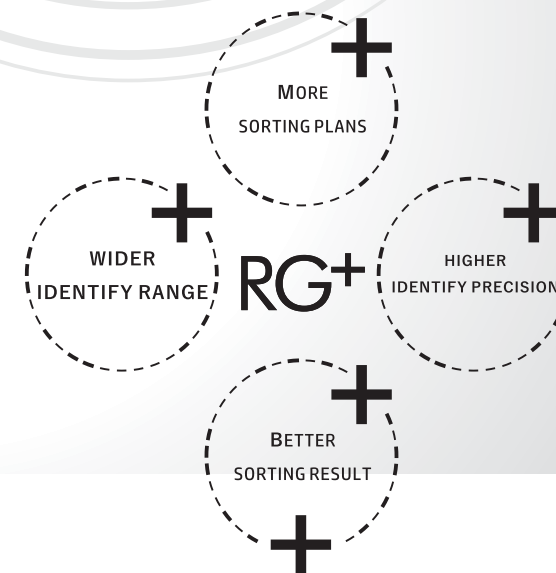
Model	Throughput (T/H)	Carryover Ratio (bad: good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
Rg2 RG*2	1-3	120: 1	>99.99%	220/50	1.3-2.2	886	1403*1829*1887
Rg3 RG*3	2-6	120: 1	>99.99%	220/50	1.3-2.2	1024	1718*1829*1887
Rg4 RG*4	3-8	120: 1	>99.99%	220/50	1.7-2.9	1162	2033*1829*1887
Rg5 RG*5	4-10	120: 1	>99.99%	220/50	2.2-3.7	1300	2348*1829*1887
Rg6 RG*6	6-12	120: 1	>99.99%	220/50	2.6-4.4	1438	2663*1829*1887
Rg7 RG*7	7-14	120: 1	>99.99%	220/50	3.1-5.2	1575	2978*1707*1757
Rg8 RG*8	8-16	120: 1	>99.99%	220/50	3.5-5.9	1713	3293*1707*1757
Rg10 RG*10	10-20	120: 1	>99.99%	220/50	4.3-7.3	2048	3933*1707*1757
Rg12 RG*12	12-24	120: 1	>99.99%	220/50	5.2-8.8	2188	4563*1707*1757

Honor Intelligent+

- Multi-dimensional connection, elaborately built
- Integrated infrared imaging system, multi-dimensional visual control
- Fine recognition, multiple sorting in one machine



- Integrated dual 850 infrared imaging system, wider recognition range
- Extremely small color difference recognition higher recognition accuracy
- Intelligent monitoring, balanced flow... Multi-dimensional system support, comprehensively improve material clarity



Product Parameters

Model	Throughput (T/H)	Carryover Ratio (bad: good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
RG+3	2-6	120: 1	>99.99%	220/50	1.3-2.2	1024	1718*1829*1887
RG+4	3-8	120: 1	>99.99%	220/50	1.7-2.9	1162	2033*1829*1887
RG+5	4-10	120: 1	>99.99%	220/50	2.2-3.7	1300	2348*1829*1887
RG+6	6-12	120: 1	>99.99%	220/50	2.6-4.4	1438	2663*1829*1887
RG+7	7-14	120: 1	>99.99%	220/50	3.1-5.2	1575	2978*1707*1757
RG+8	8-16	120: 1	>99.99%	220/50	3.5-5.9	1713	3293*1707*1757
RG+10	10-20	120: 1	>99.99%	220/50	4.3-7.3	2048	3933*1707*1757
RG+12	12-24	120: 1	>99.99%	220/50	5.2-8.8	2188	4563*1707*1757

Honor Intelligent RG I



- InGaAs infrared imaging system, 360-degree infrared matrix imaging
- Color sorting + shape sortin + infrared sorting, sweeping non-rice miscellaneous
- The impurity removal function has been tested and certified by CMA qualification authority



Product Parameters

Model	Throughput (T/H)	Carryover Ratio (bad: good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
RG I 3	2-6	120: 1	>99.99%	220/50	1.3-2.2	1024	1718*1829*1887
RG I 4	3-8	120: 1	>99.99%	220/50	1.7-2.9	1162	2033*1829*1887
RG I 5	4-10	120: 1	>99.99%	220/50	2.2-3.7	1300	2348*1829*1887
RG I 6	6-12	120: 1	>99.99%	220/50	2.6-4.4	1438	2663*1829*1887
RG I 7	7-14	120: 1	>99.99%	220/50	3.1-5.2	1575	2978*1707*1757
RG I 8	8-16	120: 1	>99.99%	220/50	3.5-5.9	1713	3293*1707*1757
RG I 10	10-20	120: 1	>99.99%	220/50	4.3-7.3	2048	3933*1707*1757
RG I 12	12-24	120: 1	>99.99%	220/50	5.2-8.8	2188	4563*1707*1757

Honor Series Household Rice Color Sorter



Small Size
Excellent performance
Stable structure
High efficiency

- Ultra-high integration, efficiency is improved
- Compact structure, convenient and practical
- Support chute division to realize resorting function



Product Parameters

Model	Throughput (T/H)	Carryover Ratio (bad: good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
M80	1-2	20: 1	>99.9%	220/50	0.6-0.8	270	873×1670×1514
M80-C	1-2	20: 1	>99.9%	220/50	0.6-0.8	270	873×1670×1514
M80-D	1-2	20: 1	>99.9%	220/50	0.6-0.8	270	873×1670×1514
M80-E	1-2	20: 1	>99.9%	220/50	0.6-0.8	270	873×1670×1514