Dream Vision Color Sorter

DV

DCS-1T64 DCS-1T80 DCS-1T96

DCS-3T DCS-4T DCS-5T DCS-6T

DCS-7T DCS-8T DCS-12T

DCS-300S
DCS-600S
DCS-1200S

DCS-300S -S
DCS-600S -S
DCS-1200S -S

DCS-1200S-M

DCS-1200D

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Workshop

INTELLIGENT FULL
COLOR SORTER

• High speed   • High efficiency   • High definition   • High precision

DV

DCS-2T160

DCS-10T

High speed RGB linear CCD sensor,5400 pixels with excellent scanning rate, able to detect the slightest differences up to 0.02mm
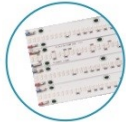
Innovative high-speed GOWIN FPGA processing platform architecture Supporting reverse sorting, re-sorting and size recognition methodology

Korea ARK filter and air cylinder with excellent durability and accuracy. Filtration 0.1um mm/s, fend off mist,oil,tinny particles,giving ejector best protection

12 inches HMI,resolution 1024x768,imbeded Windows 7 operating system, capable of online support and image capturing .More than300 setting profiles storage, enable machine quick to read preset programmes

Customized LED strips with prism configuration, making the light bright and even The best brightness providing the best defects analysis

High-frequency solenoid valve, Intelligentalgorithm tracking,precise rejection

Technical Features

Micron camera
High resolution ultra-low distortion micro camera imaging system, with electrodeless LED light source, brings unprecedented precision recognition.

5G Architecture
Reserved 5g interface, AR / VR coordination, high bandwidth, low delay, wide connection.

Intelligent magnetic control high frequency solenoid valve
High frequency low air consumption ejector, flexible contact, wear-resistant super alloy material, matching with lifetime.

Intelligent operating system
Firstly applied Windows 7 operating system in color sorter industry can be upgraded to Windows 8 and Windows 10 according to different applications.

Full core upgrade
Gowin FPGA has the advantages of faster processing speed, lower power consumption and more stable system operation.

Intelligent dimming
Digital stepless dimming, automatically matching brightness according to material change.

Human-computer interaction
Automatic acquisition of temperature, humidity, air pressure, differential pressure and other related working environment parameters to achieve monitoring and early warning.

High speed feeding system
Patented high-frequency vibrator and antioxidant anode treatment chute greatly increased throughput by 20% ~ 30% compared with other competitors.

Sorting Solutions

Indica rice | Japonica rice | Sticky rice | Black rice | Brown rice | Red rice | Parboiled rice | Coix seeds

Soybeans | Soybeans split | Mung beans | Red beans | Red Lentils | Peeled mung beans | Chickpeas | Coffee beans

Peanut in shell | Peanut | Peanut blanched | Cashew | Sunflower seeds | Pine nuts | White melon seeds | Walnut kernel

Wheat | Quinoa | Buckwheat | Corn | Corn grits | Yellow millet | Broomcorn millet | Sesame

Semen Ziziphi Spinosae | Chinese wolfberry | Raisins | Gleditsia japonica | Peach gum | Lotus seeds | Gorgon fruit | Lily

Garlic | Red chilli | Sichuan Pepper | Fungus | Onion seeds | Vegetable seeds | Astragalus membranaceus | Licorice

Product Parameters

Model	Ejector	Capacity(T/h)	Optimized carryover	Voltage(V)	Power(Kw)	Weight(Kg)	Dimension(L*W*H mm)
DCS-1T64	64	0.9~1.5	≥100:1	AC220V/50Hz	≤1.5	350(±5%)	955*1630*1550
DCS-1T80	80	1.0~2.0	≥100:1	AC220V/50Hz	≤1.8	400(±5%)	1045*1630*1550
DCS-1T96	96	1.1~2.2	≥100:1	AC220V/50Hz	≤2.0	420(±5%)	1045*1630*1550
DCS-2T160	160	1.5~3.2	≥100:1	AC220V/50Hz	≤2.5	570(±5%)	1330*1630*1550
DCS-3T	192	2.0~5.0	≥100:1	AC220V/50Hz	≤3.0	820(±5%)	1717*1619*2042
DCS-4T	256	3.0~6.0	≥100:1	AC220V/50Hz	≤4.0	1121(±5%)	2030*1619*2042
DCS-5T	320	4.0~7.0	≥100:1	AC220V/50Hz	≤4.8	1135(±5%)	2343*1619*2042
DCS-6T	384	5.0~8.0	≥100:1	AC220V/50Hz	≤5.2	1246(±5%)	2656*1619*2042
DCS-7T	448	6.0~10.0	≥100:1	AC220V/50Hz	≤5.8	1539(±5%)	3149*1620*2032
DCS-8T	512	7.0~11.0	≥100:1	AC220V/50Hz	≤6.5	1852(±5%)	3462*1620*2032
DCS-10T	640	8.0~15.0	≥100:1	AC220V/50Hz	≤8.0	2335(±5%)	4128*1618*2032
DCS-12T	768	10.0~19.0	≥100:1	AC220V/50Hz	≤11.0	2670(±5%)	4698*1618*2032
DCS-300S	64	/	/	AC220V/50Hz	≤3.0	500(±10%)	3098*820*1660
DCS-600S	128	/	/	AC220V/50Hz	≤3.5	650(±10%)	3098*1130*1660
DCS-1200S	256	/	/	AC220V/50Hz	≤5.5	1250(±10%)	3398*1750*1715
DCS-1200S-M	120	/	/	AC380V/50Hz	≤5.5	1800(±10%)	4392*1928*2501
DCS-1200D	240	/	/	AC380V/50Hz	≤9.5	3000(±10%)	5215*1928*3093

*Note- The Capacities mentioned above are based on Rice at impurities level of 2% with maximum broken less than 12% and all Chutes are on primary, so capacity may be different on other products as well as on impurity percentage, type, shape and size.