



Dream Vision Color Sorter



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



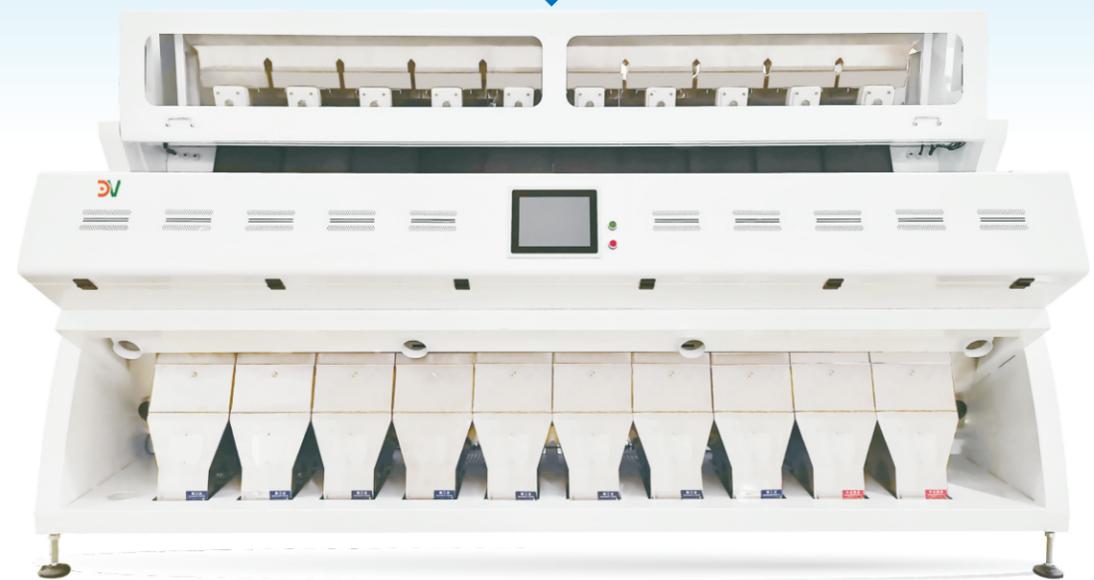
DCS-300S-S
DCS-600S-S
DCS-1200S-S



DCS-1200S-M



DCS-1200D



INTELLIGENT FULL COLOR SORTER

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Manufacture building



Workshop

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



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



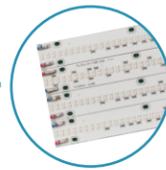
Innovative high-speed GOWIN FPGA processing platform architecture Supporting reverse sorting, re-sorting and size recognition methodology



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,imbedded 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



MATRIX High-frequency solenoid valve, Intelligent algorithm 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



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