

"GMP" MODEL CRYSTAL STANDARD COMPACT PNEUMATIC POWDER TRANSFER SYSTEM



**CONTINUOUS TYPE VACUUM
POWDER/GRANULE/SUGAR
TRANSFER SYSTEM**



**BATCH TYPE VACUUM POWDER/GRANULE/
SUGAR TRANSFER SYSTEM**

Crystal



CRYSTAL AUTOMATION PVT. LTD.

Manufacturers & Consultants of
IND. AUTOMATION EQPTS. & SP. PURPOSE MACHINES

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'GMP" MODEL CRYSTAL STANDARD COMPACT PNEUMATIC POWDER TRANSFER SYSTEM

It is a balanced vacuum technology based pneumatic conveying system, safeguarding against any segregation of powder blend or granules being conveyed. The system is a very versatile & universal model which can be used for charging RMG/Sifter/Mill/Mixer/Blender with high throughput of 600-800 kgs/hr, for material transferred between bulk density range of 0.25-1.0 gms/cc. All material contact parts of system are made out of SS 316.

Entire GMP requirement has been taken into consideration for designing the system towards its compactness, better cleaning aspect, tool free assembly and dismantling. Quick connect fitting for electrical & pneumatic connection, triclover fitting for conveying pipes, smooth mirror finish surface without any nooks & corner, Oil free system operation, auto filter cleaning arrangement thereby safeguarding against operator dependency.

It is a closed loop system, tightly fitted with SS clamps and pharma grade gasket. High efficiency filters are used to safeguard Vacuum blower. The filters are formed in one set of finger type for ease in handling & cleaning. Powder coated/S.S. mirror finished control panel is provided to safeguard against rusting/corrosion of panel wall. All switch gears used are of reputed & reliable makes with contactor, relay and sensor logic. Static charge discharge facility is an in built safety in system.

100% validation possible, validation protocol requirements will be provided Such as

- (1) Installation Qualification (IQ)
- (2) Operational Qualification (OQ)
- (3) Performance Qualification (PQ)

OPTIONAL FEATURES

- ❖ Level sensor for hopper of system.
- ❖ Mechanical filter cleaning in lieu of pneumatic.
- ❖ Level sensors for your Mother hopper to be charged can be provided, which can be interlocked with powder transfer system.
- ❖ Suction nozzle or feed hopper can be provided as suction device.
- ❖ Mobile trolley mounted version powder transfer system can be provided with separate transition piece to suit your discharge equipment charging module size.



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