

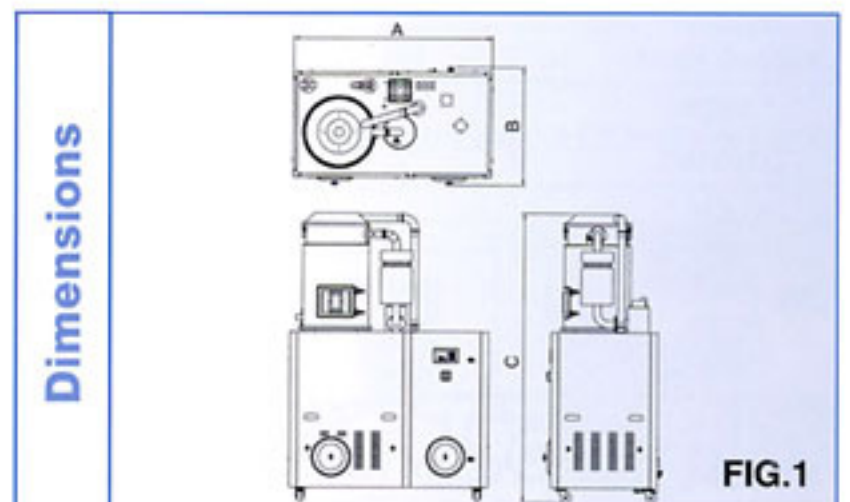
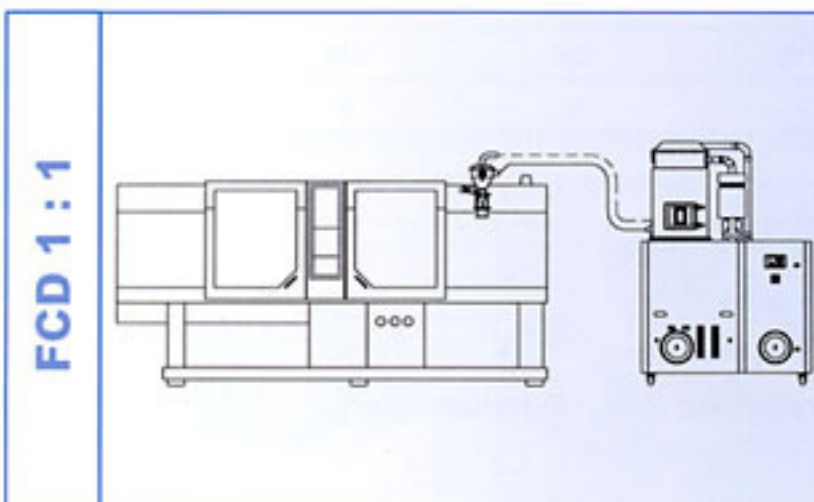
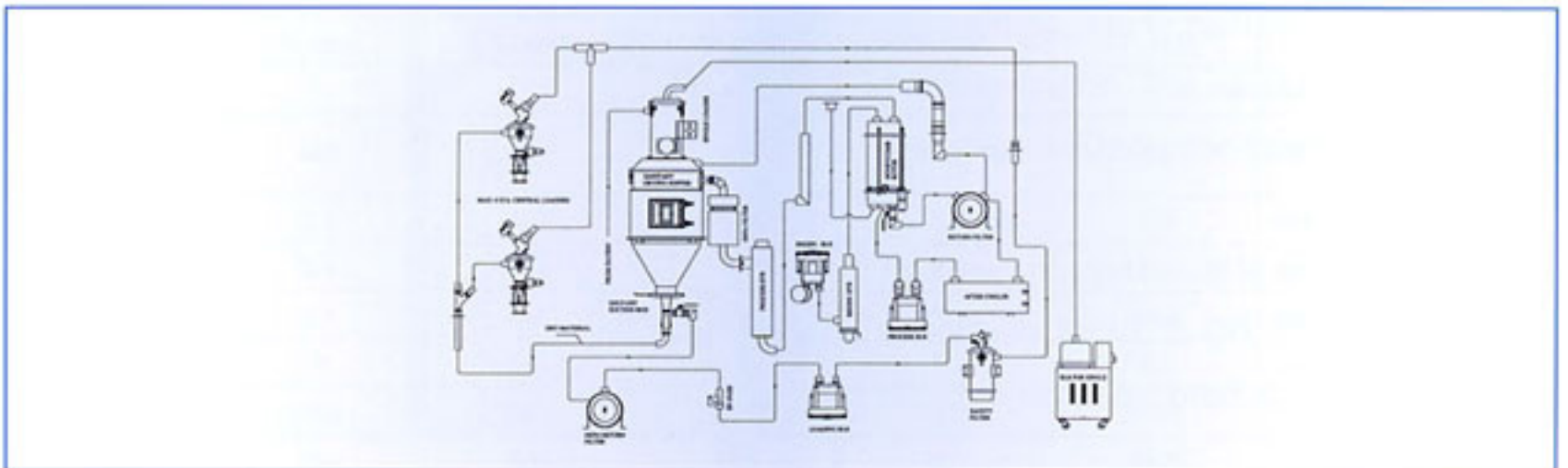
## For Lens, LCD, IMD and Optical parts

The **FCD-SAN** Compact Dryer is specifically designed for Lens, LCD, optical parts manufacturing. The sanitary system employs a HEPA filter in the process air circuit which removes the smallest particles and contaminants. This ultra-clean system is also completely polished with passivated welds and heater. The SAN compact dryers dehumidify for the worlds most advanced products.



**FCD530-SAN**






### Principle



## For VCD, CD and DVD



The **FCD-SAN** Compact Dryer is specifically designed for disc molders that wish to have the highest performance and perfect yields. It included the CD-Audio and ROM, CD-R and CD-MO, as well as for DVD and the recordable versions of this new optical disc formats.

<b>Honeycomb Rotor</b>		<p>The "pollution-free" honeycomb rotor is coated with molecular sieves and silica gel that are strongly bonded to ceramic fibers inside the rotor by special chemical crystallization. With the rotor, the dryer can provide low dew-point (-40°C), and performs all of these processes more quickly and more efficiently than any other dryer available.</p>
<b>Color Touch Control Panel</b>		<p>The color touch screen control gives digital setting and display of drying temperature, loading time, all of system operating status and all possible error messages. Also the passwords and different parameter settings, material throughput records, return air detection and drying temperature detection and records. Control loading max. 6 stations.</p>
<b>HEPA Filter</b>		<p>The unit uses a high-performance HEPA filter (0.3 μm/99.97%) as drying filter to prevent any contamination.</p>
<b>Separator Loader</b>		<p>This Hopper Loader is special designed with a dust separator for conveying dusty material. Available size are 3, 6 liters.</p>
<b>Sanitary Piping</b>		<p>All piping work is for sanitary applications. There will not be any contamination when conveying the dry material.</p>

# OPTICAL

## **SERIES *FCD-SAN* CONDITIONING SYSTEMS FOR VCD, CD, DVD, AND OPTICAL PRODUCTS**



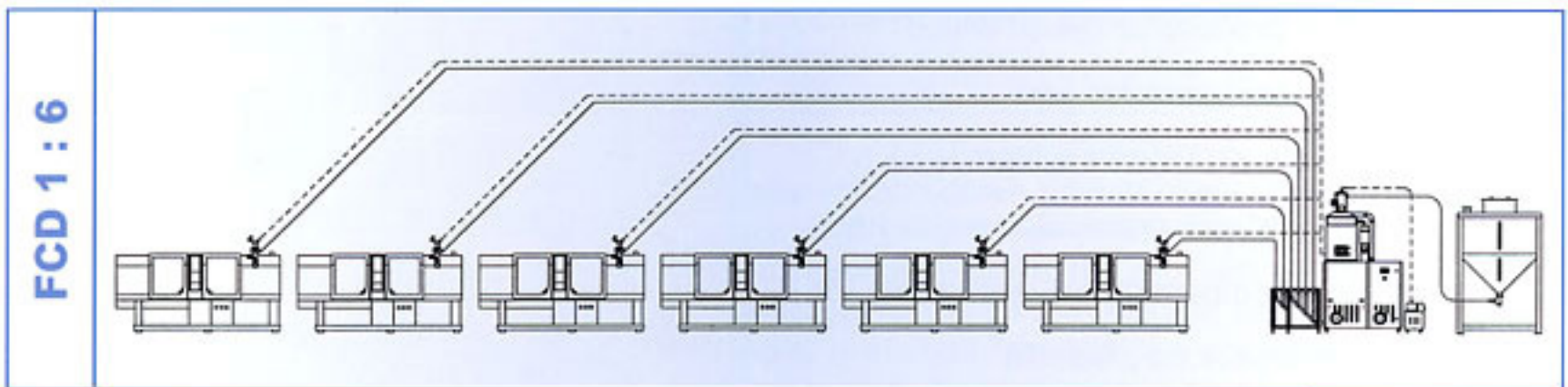
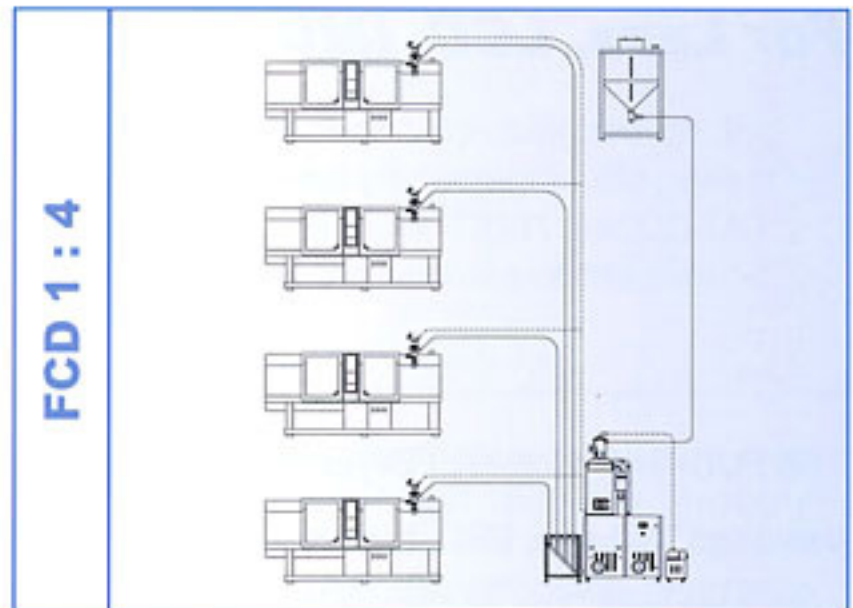
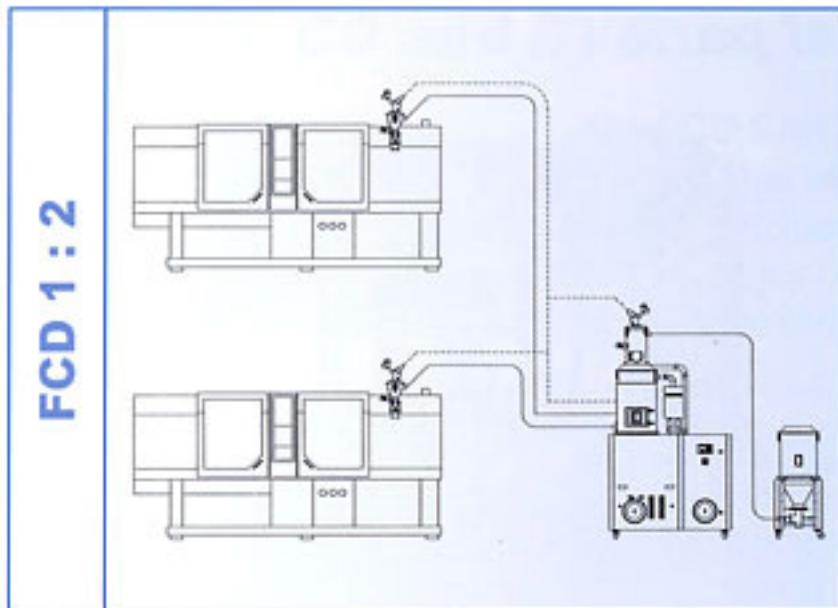
**FCD18200-SAN**

The Compact Dryer, mounted on a mobile frame, consists of three main parts: the Honeycomb Dehumidified Dryer, the Drying Hopper and the Loading Systems. The loaders feed to and from the drying hopper to the machine or, as an option, from the surge bin to the drying hopper. The **FCD-SAN** can supply one material to six molding machines and, depending on production requirements, special loaders can be designed to handle powder and dust separation. The vacuum pump and fines filter are mounted inside the unit.

This very compact unit is designed specifically for VCD, CD, DVD, LCD, LENS, and optical product applications.

The sanitary system is used throughout the world for Optical Disc, Medical, Lens, LCD screen and many other advanced applications.





### Specifications

MODEL	Unit	FCD515-SAN	FCD530-SAN	FCD575-SAN	FCD10100-SAN	FCD10150-SAN	FCD18200-SAN
Capacity	kg/hr	4	9	18	25	36	54
Power supply		AC220 ~480V 50 /60 HZ					
For machines		Max. 1	Max. 1	Max. 2	Max. 2	Max. 4	Max. 6
Resin material		PMMA ; PC					
Drying hopper capacity	L	25	50	115	170	230	335
Regen. blower	kW	0.2	0.2	0.2	0.2	0.2	0.4
Regen. heater	kW	2.5	2.5	2.5	4.0	4.0	5.0
Loading blower	kW	0.75	0.75	1.9	1.9	1.9	3.7
Process heater	kW	1.6	2.7	5	6	8	10
Dimension A (Fig.1)	mm	1270	1270	1400	1565	1565	1710
Dimension B (Fig.1)	mm	700	700	840	885	885	950
Dimension C (Fig.1)	mm	1600	1750	2040	2200	2530	2630
Approx. weight	kg	165	180	215	330	375	455
DVD				V	V	V	V
LENS/IMD		V	V				
LCD			V	V	V		