

## TRAY DRYERS

### ILB-103 TRAY DRYER

The tray dryer is the device used for drying of the wet products like crude drugs, chemicals, dry fruits, vegetables, coconut, fish, powders or the granules etc. The best type of a tray dryer or tray drying machine is that of the directed circulation form, in which the air is heated and is directed across the material in a controlled flow. The material to be dried is spread on the trays. The trays used have solid, perforated or wire mesh bottoms. In a modern tray dryers a uniform temperature and air is maintained by the use of a well insulated cabinet with strategically placed fans and heating coils. There is an alternate arrangement of the shelves so that air can flow uniformly without any obstructions. Heater is fixed in such a way that the air is reheated before passing over each shelf. When the air passes over each shelf a certain amount of heat is given up to provide latent heat of vaporization. We also make customized tray dryers at economical price for customers that may have unique requirements. We can customize the chamber size and make the Exact unit that suits their needs in addition.



96 TRAYS



48 TRAYS



24 TRAYS



12 TRAYS

#### Optional :

- \* Microprocessor based PID Digital Temperature, Indicator cum Controller with Timer
- \* Complete stainless steel GMP models are also available

#### Available in sizes:

| TRAYS CAPACITY | TRAY SIZE       |
|----------------|-----------------|
| 8 TRAYS        | 16" X 32" X 1¼" |
| 12 TRAYS       | 16" X 32" X 1¼" |
| 24 TRAYS       | 16" X 32" X 1¼" |
| 30 TRAYS       | 16" X 32" X 1¼" |
| 48 TRAYS       | 16" X 32" X 1¼" |
| 96 TRAYS       | 16" X 32" X 1¼" |

**NOTE : CUSTOMISED SIZES CAN BE MADE ACCORDING TO THE REQUIREMENT.**

#### Manufacturers & Suppliers :

- Scientific Equipment • Pharmaceutical Equipment • Laboratory Instruments • Hospital Equipment • Surgical Equipment
- Agricultural Equipment • Dairy Equipment • Clean Air Equipment • School Laboratories

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