

Tray Dryer



Introduction

CHITRA drying oven is specially designed for Pharmaceuticals, Food, Chemicals, Paints, Textiles & other industries. It is well accepted for economical drying of granules, powder, food material & chemicals.

Construction

"CHITRA" Drying oven is fabricated out of rigid angle iron frame with double walled panels insulated with best quality compressed fibre glass and with a rigid door fitted with strong hinges and best chosen locking arrangement. A control panel is fixed in front of the oven to facilitate the operation easily. It has a large working space and is available, manufacturing from mild steel & in good finishing outside with synthetic enamel colour & inside painted with heat resistant paint to resist temperature up to 300 degree, in Standard Model. It is also manufacture completely from SS304 or SS316 (As per customer requirement) in GMP Model & polished to the mirror finish from inside & matt finish from outside.

Description

The Drying ovens are normally available with choice of heating mode, as electrically heated / steam heated & thermic fluid heated..

In electrically heated model, digital temperature controller provided with digital timer to facilitate working day and night.

In steam & thermic fluid heated model, digital temperature indicator is provided with digital timer, but the temperature controller is not supplied with the machine.



Models are Available :
12 Tray, 24 Tray, 48 Tray, 96 Tray



Tray Dryer



12 Tray

Air Circulation

A highly effective recirculating air system is provided. The heated air, is recirculated with fresh air in selected proportions for optimum drying. The system is designed so that the materials at the top & the bottom dry simultaneously.

Uniform air circulation, controlled temperature, sturdy construction and large working space are the valuables of the oven which is suitably designed to cover wide temperature range, loading and unloading is faster and simple. In higher capacities trays trolley rolls in and out of the chamber. For continuous operation a spare trolley can be had for loading while the drying cycle is taking place.

Controlled Temperature & Time

Digital temperature controller with digital timer are supplied to facilitate working day and night.

Option

Flame proof fittings and motor. • S.S.304 / S.S. 316 Trays.

Application

Pharmaceutical, food, chemicals and other industries.

