Product name:	Product code:
Fluidised Tray Dryer Training Unit	CMI-NP-0228



Description

A bench scale training unit with a drying tray and airflow control for studying drying rate, moisture content and the effect of air temperature. Used in chemical engineering teaching labs.

Technical specification

Balance	Digital, 0.1 g resolution
Sensors	RTD Pt100
Supply	230 V AC 50 Hz

Standard Accessories

- Wet sand sample
- Spare tray

Hot air passes over a weighed tray of wet material while the operator records weight loss with time. Students plot drying curves and find critical moisture content.

Features

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

- Drying chamber with digital controls
- Variable air velocity
- Heater with temperature control
- Dry and wet bulb temperature sensors
- Drying curve experiments

Technical Specifications

Tray size	150 x 150 mm
Air velocity	0.5 - 5 m/s
Temperature range	Ambient to 100 deg C
Heater	1.5 kW
Blower	Centrifugal, 0.37 kW