



Email : sales@laboratoryinstrumentindia.com

Product Name :
Fluidised Bed Dryer

Product Code :
LBNY-0005-10700046



Description :

Wide range of materials can be dried from fine powder to slurries and pastes
Heat sensitive food stuffs may be dried
Compact and portable
Air drawn through mesh filter by centrifugal fan over a 2kw heater and through a stainless steel filter gauze
High rates of heat and mass transfer
Drying and residence times from a few seconds to a few minutes
Materials with moisture contents to over 80% may be dried
Ambient to 100°C drying air temperature range
Blower controller by a thyristor circuit
Readings displayed by digital meter
Manual or interval timing control 0 - 10 minutes
Wide range of materials can be processed
Processes other than drying investigated, e.g., mixing and blending of solids, size reduction, agglomeration and granulation, classification into sizes and cooling of particles
Temperature range: 20 - 100°C ($\pm 1^\circ\text{C}$)
Filter bag to retain stray particles
Power consumption: 3kw
Maximum sample weight: 5kg.

Technical Specification :

Fluidised Bed Dryer



Laboratory Instrument India