

## Flash Dryer



Flash Drying is the new kind of drying system used for drying the material such as pastes OR cake state. The Word Flash means instantaneous or rapid drying of product ,means required short residence time such as few seconds.

In Flash dryer the hot air enters tangentially and comes in contact with feed, resulting drying takes place throughout the flash duct removing moisture. This dry material separated into the high efficiency cyclones or bag filter.

Flash dryers are used for drying a wide range of products.

### **Salient Features**

- Ideal for instaneous removal of surface moisture.
- Ideal for high volume through- puts.
- Ideal for heat sensitive materials.
- Ideal for high drying efficiency and low energy cost.
- No initial dilution is required and hence direct drying takes place.
- Ideal for use in combination with others drying system particularly fluid bed or rotary dryer.
- High thermal efficiency.
- Consistent product quality with uniform moisture content.
- Low capital equipment cost.