

7 Eliminate contamination

Resource
consumption cut

Productivity UP

There Is A Possibility Of Foreign Material Contamination In All Processes!

Added Value UP

Dry air is a factor that carries foreign material to resin.
Minimize this risk by using a thermal conduction vacuum dryer!

Thermal Conduction Vacuum Dryer

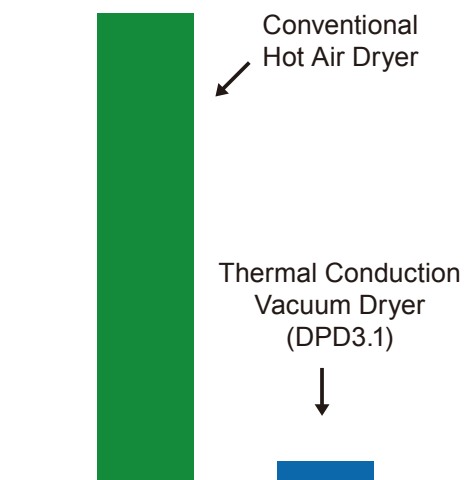
Overview

In vacuum dryness, to guess hot air because of pellet heating isn't necessary, and this uses minimum air purge to purge moisture outside and the contaminant risk can be reduced. Because heat is created in a vacuum, it prevents oxidation and yellow discoloration of the resin and can also decrease black spot and foreign material.



[DPD3.1]

• Comparison image of wind quantity



Features

- In the vacuum drying there is a low airflow rate which reduces the amount of dust and fines generated.
- Prevents the occurrence of oxidation, yellow discoloration, and black spot by N₂ gas injecting.
- Removes gas by vacuum. Gas that adheres to the mold.
- Preventing bridging and blocking of material by air shock functions.

