

5 Elimination of yellowing problems

Resource
consumption cut

Productivity UP

For clear resin molds and optical molds

Added Value UP

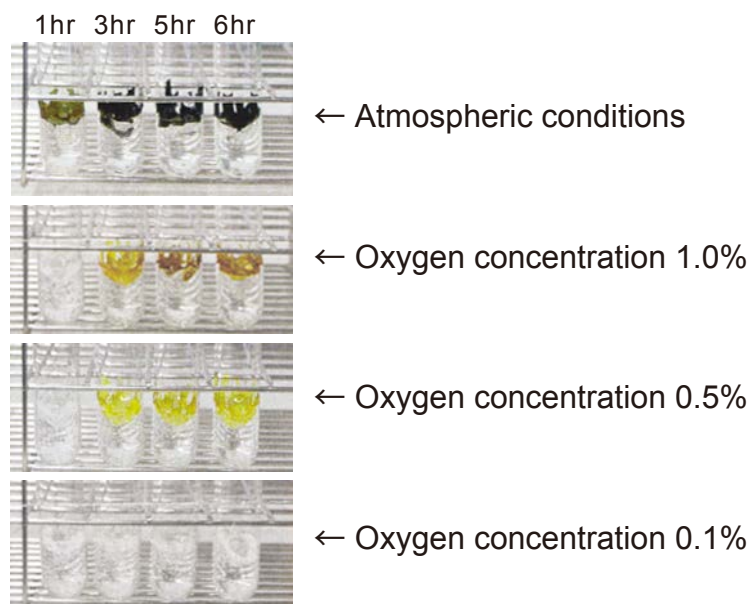
Having trouble with yellowing of the molded items?
Oxidization and yellowing while drying the resins can be avoided
by reducing oxygen concentration in a vacuum environment.

Thermal Conduction Vacuum Dryer

Overview

Heating under a vacuum allows drying effects at lower temperatures and with less oxygen than normal. This is effective for preventing oxidation and yellowing, and reducing black spot contaminants caused by the material.

- Oxidation yellowing test (test material: COP)



[DPD3.1]

Features

- Drying in a vacuum (low oxygen conditions) prevents oxidation, yellowing and generation of black spots.
- Air shock function prevents material bridging or blocking.
- Vacuum drying (low air flow drying) makes it easier to prevent contaminant ingress.

