

5 Elimination of yellowing problems

Resource
consumption cut

Productivity UP

**For Yellowing Prevention of
Olefin Optical Materials And PC**

Added Value UP

Having trouble with yellowing of the molded items?
Effective for oxidization and yellowing that cannot be avoided
in dehumidification drying of the resin materials.

Nitrogen Dryer (for Optical Materials)

Overview

Equipped with a high performance nitrogen separation membrane, this dryer turns to the best-in-class nitrogen dryer just by feeding general compressed air. Oxidization and yellowing of the resins during plasticization are prevented by shutting off oxygen through direct injection of nitrogen prior to molding.



[NTD-10]

Features

- Dissolved oxygen in the resin are replaced by nitrogen.
- Smallest and the most compact in class (as of January 2020)
- Materials are stably dried in the machine, preventing hydrolysis as well.

