



# 8 Resolve problems caused by gas

Resource consumption cut

**Productivity UP** 

Added Value UP

For Gas Removal In During The Drying Process Of Resin Materials

Do you have any gas-related problems? Remove resin gases and/or substitute them with while drying and stabilize your molding process.

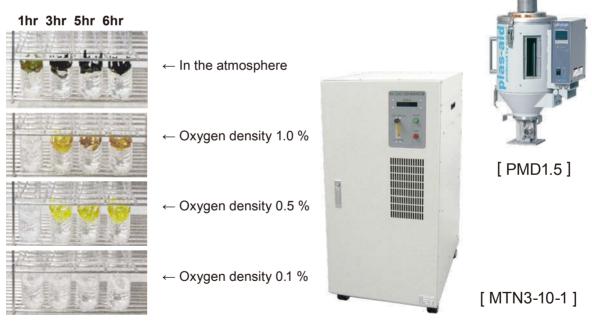
## Thermal Conduction Dryer + N2 Generator

### Overview

By heating with nitrogen gas atmosphere, it is possible to remove moisture that could become a factor for dissolved gas in resin.

Depending on the material, prevents oxidation and yellow discoloration as well as to decrease black spot foreign material.

#### • Oxidation xanthosis test (Test materials: Cycloolefin polymer)



#### **Features**

- Injecting N<sub>2</sub> gas helps to prevent oxidation, yellow discoloration, and black spot.
- Thermal conduction allows for small air flow rate which allows for easy management of foreign material.
- Ideal for injection-molding machine with a processing capacity of 0.2-1 kg/h, below 20 injection tons.
- Limited heat exhaust. Ideal for environment that is adverse to heat exhaust.
- Cleaning is easy by use of retractable hopper and remove-type fin.

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MEMO





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Doubling Wealth, Halving Resourse Use

Matsui, your Plastic molding partner for resorce reduction, propose to achieve 'factor 4' in molding factors.

We aim to increase productivity by 4times by achieving the following, 'Save Water', 'Save Rasin s' and 'save Energy'.

If you are looking for a best solution...

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