

# Light Curing Unit

## – Description

Huge Light Curing Unit is designed for the polymerization of light curing individual tray and other light curing materials. It is featured with high polymerizing capacity and low maintenance. The shaped light curing material can be fast cured in 3 minutes in it. And it is quite easy to operate with just a few steps in need.



## – Advantages

- Easy operation
- High polymerization capacity
- All voltage available: 110V and 220V

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## Light Curing Tray/Unit

## NOBILTRAY™

An Ideal Custom Tray Material

- > Easy operation
- > High accuracy
- > Outstanding Strength
- > High plasticity
- > Pleasant smell



GLOBAL DENTAL SUPPLIER

# Light Curing Tray

## — Description

NOBILTRAY Light Curing Tray is a preformed tray indicated for making individual tray and can also work as temporary base plate in dental labs. As light curing material, it can be fast cured in 3 minutes in a unit. The product is characterized by easy operation, high precision, low deformation rate, high plasticity and pleasant mint flavour.



## — Application

- Making individual tray



Types / Features	Light Curing Tray	Self-cured resin Tray	Metal Tray
Operation	preformed → ready for use and time-saving	need mixing and kneading first → complicated and time-consuming	-
Plasticity	soft but with certain strength → easy to trim and shape when opening windows	too soft to work with in dough stage → difficult to trim and shape when opening windows	hard and rigid metal material → difficult to open window
Accuracy	high hardness after curing → low deformation rate ensuring accuracy	existence of contraction → unstable and inaccurate	specific and uniform size → fail to match different oral forms and inaccurate
Smell	mint flavour → pleasant smell	residual stimulative monomer → pungent smell	-

- Making temporary base plate

Types / Features	Light Curing Base Plate	Wax base Plate
Operation	preformed → ready for use and time-saving	need heating first → time-consuming
Accuracy	high hardness after curing → low deformation rate ensuring accuracy	vulnerable to temperature → unstable and inaccurate



## — Main Advantages

- Preformed, 3-minute fast curing → Easy, efficient operation
- High flexural strength ( $\geq 110$  MPa), low deformation rate → no worries in use and transportation
- Customized for individual oral forms → Accuracy for perfect fitting
- High plasticity → applicable in various scenarios, capable of maintaining long-handle shape
- Mint flavor → Pleasant smell
- Various choices → Pink/blue, 2.3/2.0 mm, all available

## — Technical Data

Operating Time	Curing Time	Flexural Strength	Curing Depth
1 min	3 min	$\geq 110$ MPa	6.5mm

## — Specification



Standard package  
50pcs / box



Sample package  
2pcs / bag

## — Storage

Store this product in the ventilation. Avoid flame, high temperature and direct sunlight.  
Storage temperature: 4°C ~ 25°C  
Validity: 3 years