

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 in just a few steps.



Advantages

- *Easy operation*
- *High polymerization capacity*
- *All voltage available: 110V and 220V*
- *The power cord can be easily detached, making the unit suitable for transportation, carrying and replacement.*

Instructions



Lay the Light Curing Unit to be horizontal and connect it to power supply



Put the shaped light curing material into the chamber for curing



Switch on the Unit, choose the 180s mode, press the button "Start" and wait a moment for curing



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Light Curing Tray/Unit

An Ideal Custom Tray Material

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



Light Curing Tray

Description

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



Application

Making individual tray			
	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 taking an open tray impression	too soft to work with in dough stage → difficult to trim and shape when taking an open tray impression	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	—

Flexural Strength

HUGE Light Curing Tray >110Mpa

Elastic Modulus

HUGE Light Curing Tray >12000Mpa

*Test data from HUGE professional laboratory




Making temporary base plate		
	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 (≥ 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→available in 1.6mm, 2.0mm and 2.3mm thickness

Specification

Packaging :	
 Standard package 50pcs/box	 Sample package 2pcs/bag
Thickness : 1.6mm, 2.0mm & 2.3mm	Color : Pink & Blue

Technical Data ^[1]

Operating Time	1 min
Curing Time	3 min
Flexural Strength	≥ 110 MPa
Curing Depth	5.8mm

Storage

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

[1]: Data from HUGE professional laboratory test report