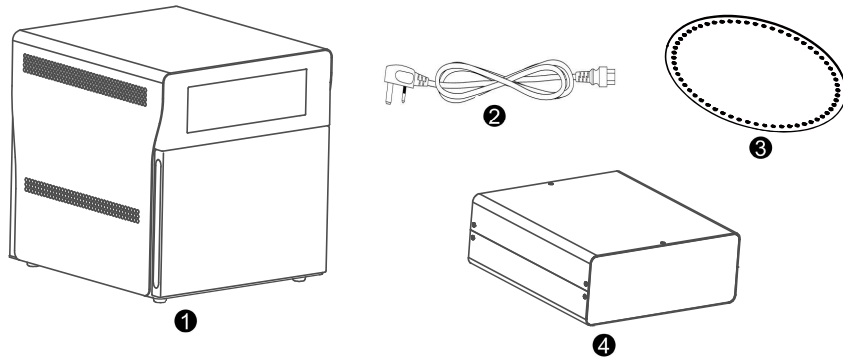


| Package Contents



- ① UV Curing Machine
- ② Power Cable
- ③ Rotating Plate
- ④ Nitrogen Generator(Option)
- ⑤ Accessories

- If any of the above items is damaged or missing, contact your retailer.
- The illustrated images above are for reference only. The actual products may vary with this images.

| WARRANTY

The FREE warranty to be valid for 1 year from the purchased date from Tera Harz Cure authorized reseller.

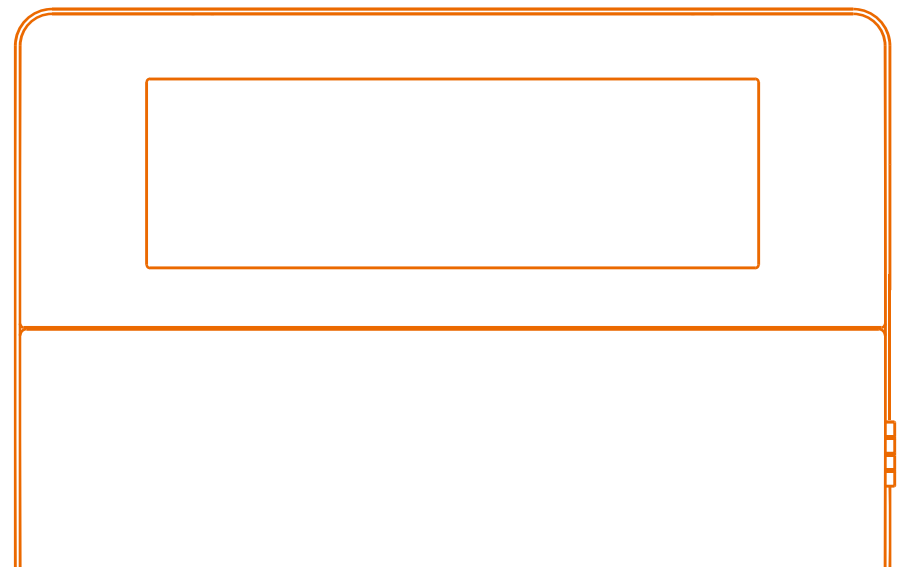
It will be voided and does not cover consumable parts and defects of products arising from customer's mishandling of product and incautious treatment.

Technical Support | yjno@itgraphy.com / T. 070-4108-3282

USER GUIDE

Tera Harz Cure

ANOTHER LEVEL OF CURING



Tera Harz Cure

ANOTHER LEVEL OF CURING

CONTENTS

- 01** Introduction
- 02** Tera Harz Cure Installation
- 03** Using Tera Harz Cure
- 04** Specification

GREETINGS

Thank you for purchasing Tera Harz Cure curing unit.

Tera Harz Cure provides you with the high curing quality for your 3D printed objects.

Before you start using Tera Harz Cure, please read through the entire manual.

INSTALLATION

- + Connect AC power cable to the back of the machine and turn on Power Switch.
- + Open the door and place the enclosed circular reflector on the bottom of the rotation plate. Align the hole on the edge of the circular relector with the protruding groove of the rotating plate.
- ✕ If you purchased the version with a nitrogen generator, please refer to the separately enclosed manual.

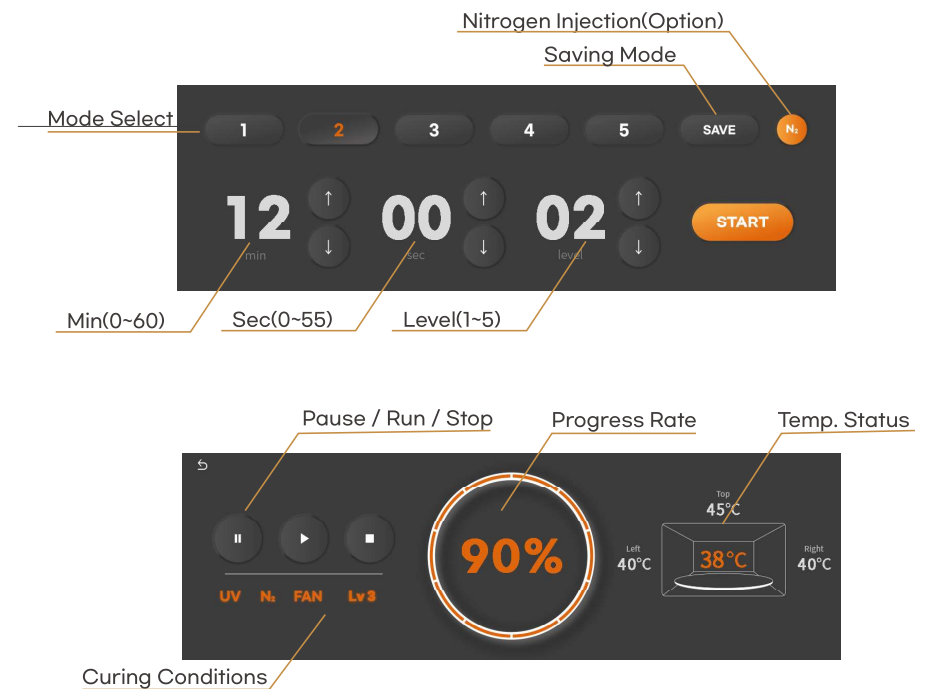
PRECAUTIONS

- Do not open door during curing operation.
- Do not place the product in any area where it may become wet or damp and avoid dusty, humid and high temperature enviroments which coule negatively affect product performance.
- To avoid internal heat and lack of ventilation, leave at least 5cm of space from the wall.
- Do not use damaged power cable.
- Do not modify this machine for any reasons.
- Place the product on a stable surface away from flammable substances.
- Power off the produce and disconnect the power cable from the product in the following cases :
 - Any smoke coming from the product
 - Making on unusual noise
 - During an electrical storm
- Please note that the FREE warranty does not cover damage to the product caused by improper use that does not comply with the above precautions.

Using Tera Harz Cure

- + Open the door and place 3D objects to be cured on the turntable.
- + Select Mode(1~5) and set Level, Curing time after then click **SAVE**
 - ✕ Without any saving of parameter(Level, Curint time) on Mode, it can just set Level, Curing time and implement 'START' for every operating.
- + If nitrogen curing is used, press **N₂** to activate it. (Activation status: **N₂**)
- + After selecting the saved 'Mode', press **START**
 - ✕ If nitrogen curing is used, pre-nitrogen injection is performed before the curing is started.
- + After the set time is over, open the door and take out the 3D printed object.

I INSTRUCTION OF 7.9" Touch LCD



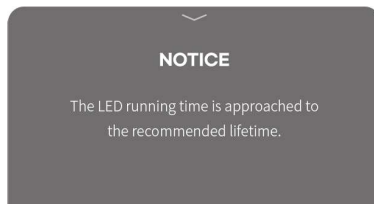
| Safety Functions

- ⊕ For safer use and to maintain the best curing quality, if the LED temperature overheats during operation, the operation stops and the cooling process proceeds.
- ※ The cooling progress window is activated until the LED temperature reaches a stable temperature, and when the usable temperature set inside the equipment is reached, the window can be closed.
- ⊕ If the curing process is completed, an automatic cooling process is performed.
- ⊕ If the door is open during the curing, 'Pause Mode' will be started and all operations except FAN will be stopped.



| UV LED replacement cycle

- ⊕ If the UV LED reaches 90% of the set life time, the following pop-up window will be activated.
- ⊕ As the best curing quality is realized by maintaining higher UV light efficiency, it is recommended to replace the LED module within a short period of time when the above notification is confirmed.
- ※ As you close the pop-up window, it will be working normally. And after replacing the LED Module, the pop-up will not be appeared.



PRODUCT SPECIFICATION

| Key Features

- ⊕ You can save up to 5 commonly used curing conditions
 - ※ Minutes (0-60 minutes), seconds (0-55 seconds), UV level (1-5), pre-nitrogen injection (optional) can be set.
- ⊕ 5 levels of UV light level can be adjusted for each type of 3D printed objects.
 - ※ Set according to the 3D printer light quantity, material, and shade color used.
- ⊕ Light uniformity stability through 360-degree UV LED irradiation and optimization of light source arrangement
- ⊕ Safety cooling function according to LED temperature
- ⊕ Auto rotating turntable
- ⊕ 7.9" large touch screen to increase machine operability
 - ※ User's preference can be added with UI/UX with video.
- ⊕ Improved curing quality by using a powerful and compact nitrogen generator (optional)

| Unit Specification

Properties	Description
Light Source	UV LED
Curing Time	1-60 min / 5-55sec
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	24V, 12.5A
Display	7.9" TFT Touch LCD
LED Wavelength	405nm
LED Power Output	200W
UV Energy Density Irradiance of UV	280,000mJ/cm ² 1,000mW/cm ²
Operating Temp	5-35°C
Curing Chamber	Φ180 x 65mm
Outer Dimension	275x310x310mm
Weight(Net)	8.5kg