

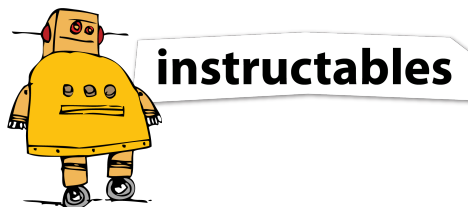
## instructables MD-R001TN FORM 2 and 3 PRINTER Laser Modeling Instruction Manual

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### instructables MD-R001TN FORM 2 and 3 PRINTER Laser Modeling



### APPLYLABWORK PRINTING TIPS

#### FORM 2 & 3 PRINTER Laser Modeling – Tan

(MD-R001TN)

#### Check:

- UV optical pathways are clean
- Vat is free of defect

- Resin is well shakened

### Open-Mode (Form2): Printer at idle

1. Tap touchscreen “Printer” icon, open “Settings” menu
2. Select Open Mode
3. Select On

### Cartridge (Form2 & 3):

Refill corresponding cartridge e.g. FormLabs Grey version 4 cartridge. Open air vent, turn cartridge upside down, drip dry through air vent for 10 mins to avoid cross contamination, refill, shake well for 2 mins, insert & print (may work up to 2 refills before locked by FL software).

**Warning:** Cross contamination of resins could cause size inaccuracy or wavy line.  
Alternative Solution: North America , Other Regions

### PreForm Setting:

Select Printer: Form 2 or Form 3

Material: Grey V4 (FLGPR04)

Suggest Layer Thickness 100~25

**JOB SETUP**

**Printer**

VIRTUAL PRINTER  
Form 3

**Material**

Resin: Grey

Version: V4 (FLGPR04)

Print Setting: Default

**Layer Thickness** (microns)

Fastest Print: 160 100 50 25 Highest Resolution

Cancel Apply

### Washing:

IPA 95%, maximum for up to 5 minutes, gently shake-off / blow-off excess IPA quickly, set print in a shaded airy place to dry completely before curing.

Extended time in IPA causes deformation.  
Dried print might be a little tacky to touch.

### Post-curing:

For optimal material performance, the condition of FormCure is 60°C / 45 mins.

### Storage:

- Keep resin away from heat & light.
- NOT accessible to children.
- Filter used resins before storage.

**Note:**


- Keep print environment well ventilated.
- Avoid direct contact to skin or eyes. Rinse cautiously with water / soap and water for several minutes if contact to eyes / skin.
- Wear chemically-resistant gloves like nitrile or neoprene (not latex) when handling.
- DO NOT pour uncured resin down the drain. Abandoned resin can be cured by sunlight before discarding.

**WARNING:**

Contact with uncured resin may cause eye or skin irritation and allergic reaction.

## Design Concept Series

## Documents / Resources

	<p><a href="#">instructables MD-R001TN FORM 2 and 3 PRINTER Laser Modeling</a> [pdf] Instruction Manual MD-R001TN, FORM 2 and 3 PRINTER Laser Modeling, MD-R001TN FORM 2 and 3 PRINTER Laser Modeling, 3 PRINTER Laser Modeling, Laser Modeling</p>
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## References

-  [Universal Cartridge Module - Formlabs Compatible Product](#)
-  [ProtoART - Resellers](#)