WRAP Product Family

WRAP Pro
WRAP Prime
Historic Resin Solutions

Option 1: Hazardous Waste Disposal Service
- Must register with the EPA
- Onsite storage in a 55-gallon drum
- Ends up in landfill or incinerator
- Costly

Option 2: California Lunch Tray Method
- Requires a sunny day
- Must pour in thin layers
- Inconsistent, messy, and time consuming

Option 3: Illegally Throw Away Resin
The WRAP Pro Printer
Serves PolyJet Customers

- Automatically converts waste resin into fully cured plastic stock
- Use for CNC prototypes, safe for disposal as standard household waste
- Prints a Stratasys J850’s waste container in under 6 hours
- Simple, automatic operation
- Patent protected
"Great for the shop and the environment! Fill it and leave it, you have the peace of mind that excess material is being handled right and safely."

Jay Busch, Technical Program Manager, Google
“We finally got our new Onulis WRAP! Who needs to flush expired resin down the toilet? Not us!... Just kidding, we always disposed old and expired resin through a vendor, BUT NO MORE! Now we can do it ourselves!”

Frank Guthrie, Professor, Fullerton College
DLP Post-Curing
WRAP Prime
Serves DLP Customers

Dual functionality:
Print waste resin
&
Post-cure DLP parts

PATENTS PENDING
WRAP Prime
Serves DLP Customers

• Material manufacturer validation
  • BASF
  • Evonik
  • Henkel
• Fully automatic operation
• Dual functionality
  • Print waste resin and post-cure DLP parts
  • 60 second changeover from waste resin printing mode to DLP curing mode

PATENTS PENDING
Great for ISO Certified customers:

1. **Certification**
   Each unit is measured, calibrated, and documented with individual specifications provided to customer.

2. **Auditing**
   The Self Audit Kit allows users to complete in-house audits of system performance.

3. **Corrective Action**
   Designed for easy, modular replacement of critical components.
WRAP Prime vs Conventional Method

User Experience

Scenario: Cure 12 Robot Arms printed in Loctite 3172 on the Stratasys Origin One
Part Size: 7 x 1.5 x .5 in.

Recommended Cure Times:
• WRAP Prime – 30 minutes
• Conventional Method – 10 minutes

Considerations:
• Part warpage from excessive heat
• Tray size
• Manual intervention

Goal: Fully cure parts and reduce operator labor
WRAP Prime vs Conventional Method

User Experience

WRAP Prime

64 min

Tray 1
Tray 2

= Operator Interaction
= Cure Time

Time

15 min
30 min
45 min
60 min
WRAP Prime vs Conventional Method
User Experience

WRAP Prime

Conventional Method

= Operator Interaction
= Cure Time
Thank You