

**Title:**

Stratasys j35 Pro – Multimaterial 3D printer

Sub-title:

Polyjet 3D printer for printing up to three materials simultaneously

General description:

The Stratasys J35 Pro is a PolyJet 3D printer that prints up to three materials simultaneously, offering multi-color, functional material gradients and transparency. It supports rigid, flexible, and biocompatible materials, ideal for prototyping in product design and healthcare. It has a high resolution, able to produce high-details and smooth-surface parts for functional testing and design validation.

Features:

- Proprietary inkjet technology based on soluble supports to print multi-materials.
- Possibility to combine multiple materials in a single print to realize parts with mixed properties (digital materials).
- Availability up to 3 materials in one single prototype.
- Printing Volume up to 14x20x16.
- High layer resolution, as low as 18 μm .
- Closed system, only Stratasys proprietary resins are available.

Applications:

- Product design to test textures and material gradients
- Molds for casting
- Transparent parts and lenses
- Soft robotics applications
- Microfluidic devices