

MULTI-MATERIAL 3D PRINTING

with

SAM

Smart Additive Manufacturing

SAM is a self-learning 3D printer system that lets you print functional multi-material objects.

SAM'S FEATURES:



Machine Learning



Superfast Nozzle

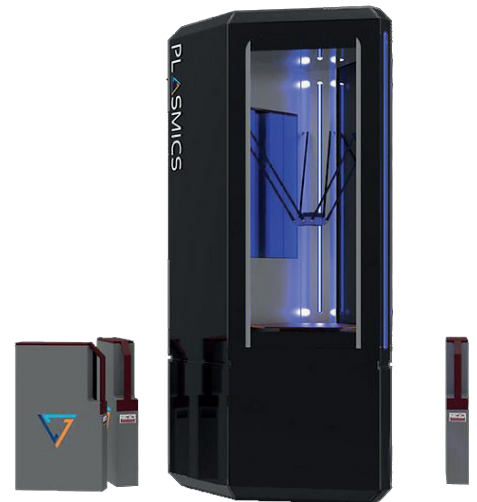


ToolBox



Tool Exchange

- **COMPUTER VISION** to evaluate prints
- **MACHINE LEARNING** and self-adjusting parameters
- **SIMPLER HANDLING** of different materials
- **NOVEL INDUCTION NOZZLE** heats up and cools down in seconds - allows up to **50% FASTER PRINTING**
- **FAST AND CLEAN TRANSITION** during material exchange.
- Each **TOOLBOX** is specialized for a material or function
- Mix up to **6 DIFFERENT MATERIALS** in one go
- **AUTOMATED TOOL EXCHANGE** mechanism
- **QUICK EXCHANGE** between tools



SAM with ToolBoxes

Nozzle heats up from 0 to 392°F in under 4 seconds

Max. build speed is up to 7 times faster than any other printer

Up to 6 print heads can be mounted onto the frame

Supported materials: ABS, ASA, PLA, HIPS, TPU, Nylon, PEEK, PEKK