



# DESKTOP ADDITIVE MANUFACTURING CENTER



## PLANETARY EXTRUSION SYSTEM

OPTIMIZED, MULTIPLIED-FORCE FEEDERS MAXIMIZE SPEED AND PRECISION OF LAYER DEPOSITION



## PRECISION

GENESIS MICROCONTROLLER  
CNC-STYLE LINEAR PRECISION GUIDES



## PART PROTECTION

PARTSAVE™ AND FAILSAFE™ FUNCTIONS  
RESTORE PRINTS AFTER INTERRUPTIONS



## WATER SOLUBLE SUPPORT

CREATE SOLUBLE SUPPORT STRUCTURES  
TO ELIMINATE POST PROCESSING



## ZERO MAINTENANCE

MAINTENANCE-FREE CNC-STYLE LINEAR  
GUIDE-BASED COREXY MOTION CONTROL



## AIR CLEANSING SYSTEM

ACTIVE HEPA AND CARBON AIR FILTERS FOR  
CONTAINMENT OF UFP AND VOC EMISSIONS



## PRINT BIGGER

TRI-HEAT ENCLOSED BUILD ENVIRONMENT  
FULL-SIZE PROTOTYPES AND PRODUCTION PARTS  
INDUSTRY-LEADING SIZE-TO-BUILD VOLUME RATIO



## RUGGED DESIGN

UNITIZED 100% ALUMINUM FRAME  
OVERSIZED 1,000-WATT POWER SUPPLY  
ONE-PIECE STEEL BUILD PLATFORM SUPPORTS UP TO 50 lb.



## EASY TO USE

AUTO-LEVELING  
INTUITIVE SOFTWARE  
MATRIX TOUCHSCREEN CONTROL



## FEATURES

- ▶ Manufacture in Over 40 Materials, Including Metal
- ▶ Minimum Layer Height of 40 Microns (100 or Above Recommended)
- ▶ Optimized for Use With APEX Pro G-Code Generation Software
- ▶ Automotive-Grade, 32-Bit Redundant Embedded Controller
- ▶ High-Torque Cartridge-Style Planetary Extrusion System
- ▶ Dual High-Flow AX2 Extrusion Heads
- ▶ Spotlight Manufacturing Vision System
- ▶ Stackable, Entirely Enclosed Construction



## FEATURES

- ▶ Oversized Motor With Integrated Stepper Lead Screw
- ▶ Oversized 12 x 12 x 11" Build Volume Configured for Large Part Production
- ▶ Interchangeable Extended-Life Nozzles (from 0.35 to 0.80 mm)
- ▶ Tri-Heat Enclosed Build Environment
- ▶ Integrated Filament Drying System
- ▶ Automatic Circuit Breaker Safety System
- ▶ USB Drive Connectivity