Product Specifications	
Model Materials	Vero family of opaque materials including neutral shades and vibrant VeroVivid™ colors Agilus30, TangoPlus™ and TangoBlackPlus™ flexible materials VeroClear, VeroUltra™ Clear transparent materials TissueMatrix, BoneMatrix, GelMatrix Biocompatible Clear
Digital Materials	**Unlimited number of composite materials, including:** Over 500,000 colors Digital ABS Plus and Digital ABS2 Plus in ivory and green Rubber-like materials in a variety of Shore A values Ultra-soft rubber-like material with a Shore 00 value Translucent color tints User-developed digital materials with GrabCAD Voxel Print™
Support Materials	SUP705 (waterjet removable) SUP706B (soluble) GelMatrix (waterjet removable)
Build size	490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)
Layer Thickness	Horizontal build layers down to 14 microns (0.00055 in.)
Workstation Compatibility	Windows 7 and 8.1
Network Connectivity	LAN – TCP/IP
System Size and Weight	1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.)
Material Cabinet	670 x 1170 x 640 mm (26.4 x 46.1 x 25.2 in.); 152 kg (335 lbs.)
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30 – 70% (non-condensing)
Power Requirements	100 – 120 VAC, 50 – 60 Hz, 13.5 A, 1 phase 220 – 240 VAC, 50 – 60 Hz, 7 A, 1 phase
Regulatory Compliance	CE, FCC, EAC
Software	GrabCAD Print Digital Anatomy software. Optional add-on GrabCAD Voxel Print and/or Digital Anatomy Creator software
Build Modes	High Quality (HQ) – 7 different materials / 14µm layers High Mix (HM) – 7 materials / 27µm High Speed (HS) – 3 materials / 27µm, x2 speed Super High Speed(SHS)- 1 material / 54 µm, x4 speed
Accuracy	Typical deviation from STL dimensions, for models printed with rigid materials, based on size: under 100 mm: ±100µ; above100 mm: ±200µ or ± 0.06% of part length, whichever is greater. Please refer to material-specific spec sheets for accuracy estimates.

1 Severseike, Leah et al., "Polyjet 3D Printing of Tissue-Mimicking Materials: How Well Can 3D Printed Synthetic Myocardium Replicate Mechanical Properties of Organic Myocardium?," bioRxiv, 2019, doi.org/10.1101/825794.
2 Sparks, Adam et al., "Digital Anatomy Printing (DAP): A Direct Characterization of DAP Materials for Use as Compliant 3D-Printer Arteries Using Intravascular Ultrasound (IVUS)," The Jacobs Institute, Submitted for publication, 2020.
3 Dahan, Gal, "Synthetic Bones vs. Human Bones for Screws Testing: A Literature Survey," In progress, 2020.
4 Barak, Yaron, "Biomechanical Evaluation of a Printed Digital Anatomy Lumbar (L3-S1 Spine Model), Technion Institute of Technology Materials Science and Engineering Laboratory, Final Report (2020).

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