ExOne™
Collaborate. Innovate. Accelerate.

INNOVENT+®

The most advanced and flexible binder jet 3D printer in a compact package.

Innovent+® is designed to reliably produce functional parts in a variety of materials, including metal, ceramics, and composites. The newest generation Innovent+® is easy to use and comes with patented dispensing, spreading and compacting technology — critical for getting a consistent, high-quality print from fine powders. Improved print speed control. New enhanced safety features, such as dust control.

TECHNICAL SPECIFICATIONS

Build Box	Max. Build Rate	Layer Height	Build Volume	Print Resolution*
160 x 65 x 65 mm (6.3 x 2.5 x 2.5 in)	166 cc/hr 10 in^3/hr	30 to 200 µm	0.676 L (41 in^3)	30 µm voxels

Min. Powder Size	External Dimensions	Weight	Electrical Requirements	Binder Systems
2 µm (d50)	1,203 x 1,016 x 1,434 mm (47.4 x 40.0 s 56.5 in)	500 kg (1,100 lbs)	120V 1-phase 60Hz 230V 1-phase 50Hz	AquaFuse, Clean-Fuse, FluidFuse, PhenolFuse

* Print resolution is based on using a 10 picoliter printhead and 30 µm layer. Results may vary on system configuration and materials used.

SYSTEM BENEFITS

- Easy To Use: Intuitive software. Simple to load powder. Easy-to-move boxes. Perfect for educating students, use in a lab or getting started with binder jet 3D printing
- Features ExOne's exclusive and patented Advanced Compaction Technology serves three functions: dispensing, spreading and compacting ultra-fine powders with precision
- Designed to reliably produce functional parts in a variety of materials, including metal, ceramics, and composites
- Includes critical dust control features that allow the compact machine to comfortably run in a wide range of environments
- Process options enabled by various printhead sizes, including; 80, 30, or 10 picoliter printhead