

## Complete, Affordable Solution for Lab Environments

Designed for research and education customers, the Innovent™ printer is an excellent tool for developing powdered materials and processes and training the next generation of manufacturing engineers and material scientists, enabling the exploration of ExOne® technology under industrial conditions.



### Simple, low cost solution

- Compact size ideal for laboratory use
- Simple to set-up, use and maintain
- Includes innovent™ Curing and Depowdering Accessory Kit and Printhead Cleaning and Maintenance Kit
- Available with furnace and curing oven
- Comprehensive hands-on training program

### Breakthrough technology

- No support structures
- Proven printhead technology for precise jetting of binding agent

### Industry-grade materials

- Print in stainless steel, iron, bronze, tungsten, Alloy IN 625 and glass. Optionally configure for testing with other materials.
- Produce small functional prototypes

### innovent™ consumables<sup>1,2</sup>

- ExOne® Binder (Aqueous, Solvent)
- ExOne® Stainless Steel Powder (S3, S4)
- ExOne® Bronze Powder Infiltrant
- ExOne® Cleaner
- ExOne® Thermal Support Powder



### TECHNICAL SPECIFICATIONS

#### Process cell including job box

<b>Build volume</b>	l x w x h 6.3 x 2.5 x 2.5 in. (160 x 65 x 65 mm)
<b>Build speed</b>	30–60 seconds/layer <sup>3</sup>
<b>Layer thickness</b>	Variable, minimum 0.002 in. (50.0 μm) <sup>3</sup>
<b>Print resolution</b>	X/Y/Z 0.003 / 0.002/ 0.004 in. <sup>2,3</sup> (63.5 μm/ 60.0 μm/ Z 100.0 μm <sup>2,3</sup> )
<b>External dimensions</b>	l x w x h 47.4 x 35 x 56.5 in. (1203 x 887 x 1434 mm)
<b>Weight</b>	700 lbs (320 kg)
<b>Electrical requirements</b>	120V IP 60Hz / 230V IP 50Hz
<b>Data interface</b>	STL, CLI, SLC
<b>Operator interface</b>	Full HD (1920 x 1080) multi-touch display

### PROPRIETARY INFORMATION

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<sup>1</sup> Range of materials and particle sizes available – please contact your sales rep. <sup>2</sup>Typical. <sup>3</sup>Material dependent.