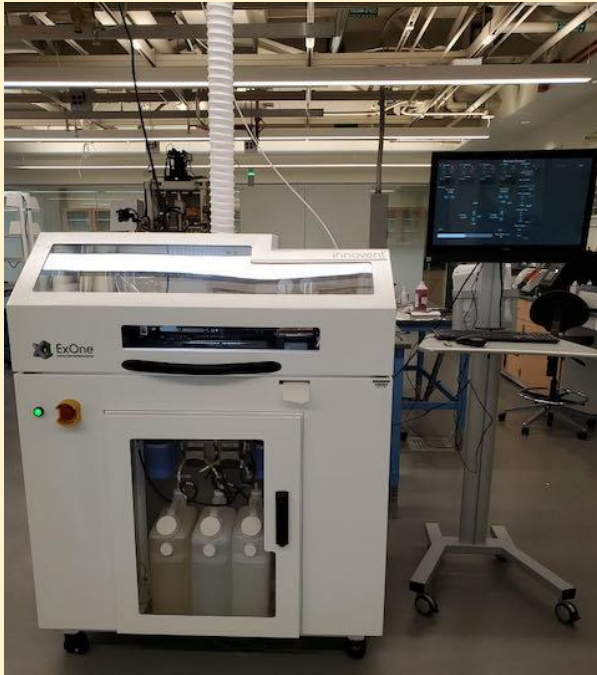


ExOne Innovent



This is an industrial-scale printer with an ability to print a variety of powdered materials, including stainless steel, iron, bronze, tungsten, glass and can be configured to print other materials. The printer has the following specifications:

Specifications:

- Print Technology: *Binder Jetting*, which an additive manufacturing process in which a liquid binding agent is selectively deposited to join powder particles. Layers of material are then bonded to form an object.
- No support structures
- Layer Thickness Resolution: 0.0004 in (100 μm)
- Build Envelope Size: 160 mm x 65 mm x 65 mm (6.3 in x 2.5 in x 2.5 in)
- Print resolution: 0.003/0.002/0.004 inch (63.5/60.0/100.0 μm)
- Build speed: 30-60 seconds/layer
- Data interface: STL, CLI, SLC

- Recoater
 - Foot Recoater Assembly with Dual Angle Foot Kit is the standard recoater used for high flow powder; or
 - Enhanced Flow Recoater with Adjustment Kit that is used for powder that has reduced flow characteristics.
- Gravity Curing Oven: After printing, the job box is placed into a gravity oven to cure the parts to increase the green strength.
- Furnace: a front loading, atmosphere muffle furnace used for sintering.