



MACHINE PROPERTIES

Filters on demand

Platform Temperature Control on demand

Number of heads

Humidity control on demand

Cartridge Sizes (Nordson)

Platform Height Control

Build Volume (XYZ)

Maximum force on the piston

Maximum pressure in the syringe

Minimum printable volume

Maximum speed

Minimum Nozzle Diameter

Axis Resolution (XYZ)

Machine size

Structure

HEPA

from 15°C to 50°C

1-3on demand

from 25% to 98% RH

3cc, 5cc, 10cc on demand

Automatic

100 x 100 x 100 mm

1.000 N

3.6 Bar

0.61mm³ / step

100 mm/s

0.100 mm (Material Dependent)

25µm

1m x 0,75m x 1.75m (width x length x height)

Stand alone (lockable wheels)

DIW EQUIPMENT

The DIW equipment is designed for new research groups in the field of tissue engineering, as well as for specialized use, where greater extrusion force is a requirement.

- Input of outer shapes through STL files.
- Multi-part and multi-material capable through the use of multiple print heads.
- Complete control of all printing parameters (temperature, pressure, speed, etc) through the software.
- The machine works with files in G-code format. It will be necessary to configure the material flow in the code generator, for example, Slic3r or Cura.

