

EOS INT P 380i

Plastic laser-sintering system for the direct manufacture of end products, spare parts, functional working models and patterns for investment or vacuum casting.

If you work with plastics, this system provides the quickest route from product idea to market launch. You can create anything within a very short time directly from CAD data without the need for tooling no matter how complex the geometry or pattern.

CAD data is sliced into layers and the part is built bottom to top from successive applications of polyamide or polystyrene materials fused by means of a heat laser. The process is fully automated and can deliver fully functional parts in a matter of hours. The excellent surface quality and detail resolution make these parts ideally suited for use as end products as well as fulfilling the high demands of styling department.

The EOSINT P 380i enables product and part design flexibility not previously possible with traditional machining methods. The parts will achieve excellent surface quality and detail resolution, making them ideally suited for a variety of industry and consumer markets.

AMS is Australia's only direct laser-sintering services provider. If you are seeking an economical solution to product design and part production in plastic, give us a call and put this technology to the test.

Specifications

- CAD Data – STL File Format
- Build Volume 340 x 340 x 620 mm
- Build Speed 10-25 mm height/h
- Alumide, Nylon, Polystyrene

Applications

- Complex part designs, patterns
- Thermoforming moulds
- Full scale design models
- Spare parts on demand

