

DWS 028J Digital Wax 3d nyomtató

HIGH PRODUCTIVITY RAPID MANUFACTURING SYSTEMS

DIGITALWAX J

FOR JEWELRY INDUSTRY



DigitalWax® 028J



Desktop size system

DigitalWax® 028J is a high accuracy rapid manufacturing system for jewelry applications. With its unbeatable price-performance ratio and the lowest running cost in the market, DigitalWax® 028J is the perfect choice for fast production of high quality models. DigitalWax® 028J can build up to 80 models per day (24 hours), it depends on their size and complexity. The three-dimensional models are built by a special laser which hardens a proprietary photo-curable resin. The laser is specifically developed to guarantee high performance and long life. Thanks to the layer-by-layer forming technology, there are no limits to the geometric complexity of the models: undercuts, cavities, thin surfaces and complex shapes can be created without any difficulty. The BluEdge® laser head allows the use of a new generation, high performance UV photo-curable resins for direct casting and rubber mould applications.

Standard accessories supplied with DigitalWax® 028J:

No. 1 Building platform mm 65x90 (working area: mm 40 x 80)
No. 1 Resin tank mod. RT800
No. 1 Set of handling tools
No. 1 Personal Computer with LCD monitor
No. 1 UPS 650VA 230V 50/60 Hz
No. 1 Nauta®+ Software License
No. 1 User manual

Technical data:

Laser source: Solid State BluEdge®	BE-1500A/BE-1500AHR
Working area (x, y, z):	40 x 80 x 150
Slice thickness*:	0,01 – 0,10 mm
Laser scanning speed:	0-2200 mm/sec
Scanning method:	Galvanometer
Software:	Factor®
OS:	Windows 7
Input file format:	.stl - .slc
Machine size:	380x515x733 mm
Weight:	56 Kg
Operating Temperature and Humidity:	22°- 25°C / 60%
Electrical consumption:	400 W
Power supply:	AC 230/115 V / 50-60 Hz

*it depends on the kind of photo-curable resin used.
Technical specifications subject to changes without notice.



GALVANOMETER

HR Option 40 x 80 x 150



HIGHLIGHTS

- BluEdge® laser source
- High speed and accuracy
- High surface quality
- Complete choice of materials
- No lamp replacement
- No calibration
- Long life UV laser
- Lowest running cost



Up to 80 *Patterns per day (24 hours)



The Galvanometer type scanning method allows the highest building speed and accuracy. It is adopted by DigitalWax® 028JE, 028J