



DWS

Additive Manufacturing

DIGITALWAX 028

The **desktop size, high speed**
rapid manufacturing solution
for the jewellery industry

- High speed and accuracy
- High surface quality
- Direct casting
- Master models for rubber moulds
- Extra-long life UV laser
- No lamp replacement
- No calibration
- Desktop size
- The lowest running cost



DigitalWax 028



The highest productivity for Rapid Manufacturing

The global competitiveness pushes more and more the companies towards a 'just-in-time' production, where high production capacities are required in the shortest time possible. DigitalWax® 028 fully answers these challenges by giving the goldsmith's companies the latest Rapid Manufacturing technology, ensuring fast production of high quality models.

High precision and smooth surfaces

DigitalWax® 028 uses a sophisticated scanning technology that guarantees high performance as far as the geometric precision and the quality of the surfaces are concerned, allowing a remarkable time-saving in the finishing processes.



High modelling speed

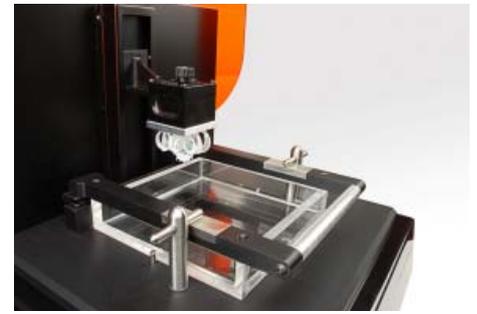
The new BluEdge® Laser source gives a superior quantity of energy, allowing to reach the highest modelling speeds and to reduce the post-curing phase which affects the execution time of the models.

New high accuracy photopolymers for direct casting and rubber moulding

The new series of photopolymers was specially developed for direct casting and rubber mould applications.

User-friendly

The desktop size of DigitalWax® 028 allows the user to place it in any working environment. A deep attention to the ergonomics during the design process allowed the development of a very simple machine as far as use and maintenance are concerned.



Detailed view of the machine when working

Platform complete with a set of 10 resin models built by DigitalWax 028 in 5 hours.



Resin models ready for casting



Direct casting using DigitalWax resins



Examples of Wire Casting and Stone In Place casting

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TECHNICAL SPECIFICATIONS

Working area (X,Y,Z):	50 x 50 x 60 mm	Control software:	DigitalWax 028 Controller
Slice thickness:	0,01-0,10 mm	Operating system:	Windows XP Professional
Hardware resolution:	X,Y,Z: 0,01 mm	Power supply:	AC 230/115 V, 50/60 Hz, 400 W
Laser source:	Solid State BluEdge®	Machine size:	380 x 495 x 670 mm (l x w x h)
Laser scanning speed:	0-1500 mm/sec	Weight:	50 kg
Input data file format:	.stl, .slc		

Specifications and appearance are subject to changes without notice



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