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**NEW**

# WaxJet 510

The FlashForge WaxJet 510 XHD is a high-precision, multi-jet WAX 3D printer for castable wax patterns with smooth surface and high definition.

The 510 XHD's high speed and high resolution offer the jewellery industry unparalleled flexibility and reduced running costs in design and manufacturing.





# WaxJet 510

## High-Volume | High-Precision Casting

The WaxJet 510 accurately produces intricate jewellery designs with consistent results, guaranteeing a fine finish and quick production, offering a distinct advantage in design and manufacturing.

### Wax for Casting

Thanks to its optimised wax material properties, the WaxJet 510 produces parts that are more likely to turn out successfully when cast using the traditional lost-wax method.

### Performance

The Waxjet 510's print speed surpasses other solutions in its category, establishing itself as the new preferred choice for jewellers and manufacturers, offering a more competitively priced overall solution.



## Product Specification

Printing Technology	Multijet Printing (MJP)
Build Volume	289 x 208 x 100mm
Printing Mode	XHD: 2900 x 2900 x 1700 dpi; layer thickness: 15µm
Dimensional Accuracy	±0.04mm/20mm
Power Supply	AC220-240V, 50Hz, 4KW
Equipment Dimensions	1352 x 775 x 1600mm
Net Weight	480kg
Gross Weight	630kg
Package Size	1530 x 900 x 1837mm
Slicing Software	WaxJetPrint
Supported File Format	.stl / slc
Email Notification	✓
Hard Disk Capacity	500G
Connectivity	Network 10/100/1000 Ethernet/USB
Supported Operating System	Windows 7 / Windows 10 (64bit)
Working Environment	Temp.: 18-26°C, Humidity: 30-70%

## Materials Specification

Material Name	FFWJ1200	FFMS3200
Material Type	Build Wax	Support Wax
Net Weight	1.5kg/bottle	1.6kg/bottle
Composition	100% Wax	Support Wax
Colour	Red	White
Density@95°C(liquid)	0.79g/cm <sup>3</sup>	0.85g/cm <sup>3</sup>
Melting Point	68°C	55°C
Softening Point	63°C	-
Volumetric Shrinkage	1.10%	-
Linear Shrinkage	0.70%	-
Needle Penetration Hardness	9	-
Ash Content	<0.01%	-
Description	High-precision casting wax	Hands-free dissolvable support wax

\*Conditions: Volumetric Shrinkage SH/T 0588-1994; Needle Penetration Hardness GB/T 4985-2010; Ash Content GB/T 14235.3-1993

Freeform Fabrication Ltd | Wiltron House, Meadway Technology Park  
Stevenage SG2 1EF | United Kingdom

TEL. 00 44 1438 900 190 | mail@freeformfabrication.co.uk

