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WANHAO

Duplicator 7 V1.5

PRODUCT BROCHURE



DUPLICATOR 7 V1.5

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Technical Specifications	
Primary attributes of the technology	DLP LCD printer, entrance level resin printer. Full assembled. Computer controlled printer.
Extruder system	405 nm UV lamp, DLP curving system
With Insulate cover or not	Yes. Total Blinding hood
Max printable area	120.96*68.5*180mm
Software	Wanhao Slicer
Filament diameter/light	405nm UV light
Material support	405nm Resin
Max printing speed	30mm/hour
Case Material	Steel Case
Projection Size	5.5 inch LCD
Accuracy	X 0.00001mm Y0.00001mm Z 0.004mm
LCD display	NO
Net Weight(kg)	9kg
Gross Weight(kg)	10kg
Packing size(cm)	55x30x30cm
Layer Thickness	35-100 micron
Material cost	USD28-36/liter
Plateform Holder	4 bolt adjusting system
Rail locking system	Steel bolt locking frame
Plateform	Aluminum building plate
Price Range	Varied for different country
Power supply unit	Inside 110 AND 250V(Auto Switch), 50/60Hz, 4.0A (input), and takes standard IEC cable
Typical application	•A perfect printer for educators who intend to use the printers in technical educatioin. •Great printer for DIY hobbist.



WANHAO DUPLICATOR 7 V1.5

ACCESS TO THE HIGH QUALITY OF PRINT

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IMPROVEMENTS ON V1.5

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D7 V1.4	D7 V1.5
	
BUILDING PLATE WITH FULL COATING REDUCE THE SURFACE STICKING ABILITY	BY FINE MACHINING AND GRINDING, THE SURFACE WITH ABRASIVE EFFECT ENABLE BETTER STICKING ON ALUMINUM PLATE.
	
FOR TALL PRINTS,SINGLE RAIL DES1GNREFLECT THE Z AXISWOBBLE ISSUEGREATLY. SLIGHTLY ZWOBBLE WOULD SHOWON PRINTS.	1. DOUBLE RAIL DESIGN REDUCE THE WOBBLE ISSUE HUGELY, 2. RAIL BAR PROVIDE STRONG STRENGTH TO ABSORB WOBBING STRENGTH AND MAKE ALL PRINTS STRAIGHT AND CHARM
	
METAL SHEET Z AXIS COMPOUND	FULL Z AXIS ALUMINUM BLOCK PROVIDE BETTER MECHANICAL STRENGTH AND UNEAR WAY

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IMPROVEMENTS ON V1.5

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PLATE TRIGGER



MACHINED CONCAVE TRIGGER POINT PROVIDE MORE PRECISE Z AXIS STOP, AND PROVIDE BETTER PROTECTION ON LCD DISPLAY, EVEN IF THE Z SWITCH FAILED.



TO MOUNT THE BUILDING PLATE ONTO LOCKING HOLE, MAY GET ANGLE WITH LCD DISPLAY.



THE STOP LINE WOULD MAKE BUILDING PLATE MOUNTING 100% CORRECT. NO ANGLE BETWEEN LCD DISPLAY AND BUILDING PLATE



STANDARD LOCKING SYSTEM



NEW SQUARE TOP ANTI WOBBLE DESIGN PROVIDE STRONGER TRIANGLE SECURE STRENGTH. LESS WOBBLE ISSUE

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DUPLICATOR 7 V1.5

High Precision 3D printer for Jewelry, dental and hobbist.

WANHAO offers solutions to the challenges facing today's jewelry, Dental manufacturers and hobbist. Our affordable 3D Printing technology enable access for more students and hobbist, improves product quality and reduces time-to-market. Integrating our highest resolution DLP LCD 3D Printers with our WANHAO Jewelry resin specialty material provides two options to a final product: direct casting of the pattern in the case of complex geometries or replace manually created silver masters for HTV and/or RTV molding.



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PRECISION AND ACCURACY
Stunning symmetry, exacting wall thickness and extreme detail.

DIRECTLY CASTABLE
100% castability in gold, silver, platinum and all castable materials.

ACCESS TO THE HIGH QUALITY OF PRINT
Jewelry and dental work preferred.

SUPERIOR SURFACE FINISH
Pristine, smooth wax models require virtually no fnishing.

EASY TEAR OFF SUPPORTS
Auto-generated support easy to be tear off and sand to smooth.

MULTIPLY RESIN CHOICE
Fast melt out, no thermal expansion and no ash or residue.

INTUITIVE 3D PRINTER SOFTWARE
Machine compatible to multiple software with different advantage.

INCREASED PROFITABILITY
Create custom parts at mass production costs.

DESIGN FREEDOM
Innovate without limits, eclipse the competition.

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