



Stock Code:688333.SH

MAKE EASIER MANUFACTURING  
MAKE A BETTER WORLD

## Metal Additive Manufacturing Machine

# BLT-A160/A160D



CE Safety  
Certification



Laser FDA Safety  
Certification



ATEX (Explosion Proof)  
Certification



ISO9001:2015 / ISO14001:2015 / ISO45001:2018

### Exclusive Machine for Titanium Oral Stents & CoCr Denture

Equivalent to  
Aviatic Quality  
Level



**High-end Core  
Components**  
Stable & reliable  
From international brands

Fulfillment for  
Dental Users



**Base Plate  
Without Screw**  
Faster loading  
& time saving

Unattended  
Operation  
For 24 hours



**Water-injection Filter**  
Modular replacement  
& more safety

Lower Cost for  
Machine  
Maintenance



**Intelligence Software**  
Full process  
traceability

Single or  
Double  
Laser Optional



**Remote Diagnosis**  
Multiple devices  
control in one  
monitoring system

High-accuracy &  
Superior Production



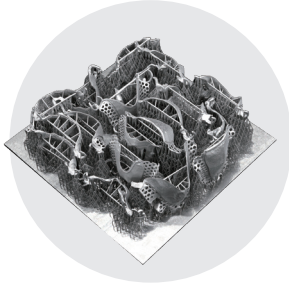
**Hire Purchase Available**  
Easy purchase  
Enjoy in advance

Supporting Materials	Cobalt Chromium Alloy, Titanium Alloy
Build Dimension <sup>(1)</sup>	160mm×160mm×100mm(W × D × H)
Laser Power	200W; 200W×2
Wave Length	1060nm-1080nm
Layer Thickness	10μm~40μm
Maximum Scanning Speed	7m/s
Building Speed	Cobalt chromium bracket 20pcs/7h Two-way Cobalt chromium alloy denture 20pcs/5h Titanium alloy stent 20pcs/7h Two-way Titanium alloy stent 20pcs/4h Cobalt chromium alloy denture 340pcs/6h Two-way Cobalt chromium alloy denture 340pcs/3h
Preheating Temperature	RT +20°C~200°C
Beam Quality	M <sup>2</sup> <1.1
Optics System	F-theta Lens
Recoating	Variable Speed Recoating System
Minimum Oxygen Content	≤100ppm
Gas Requirement	Ar/N <sub>2</sub>
Power Requirement	≤2.5KW; ≤4KW
Power Supply	AC220V 1Ph/N/PE
Machine Dimension	1100mm×1000mm×1900mm (W × D × H)
Machine Weight	About 800kg
Software	BLT-Voxeldance/Magics Print、BLT-MCS

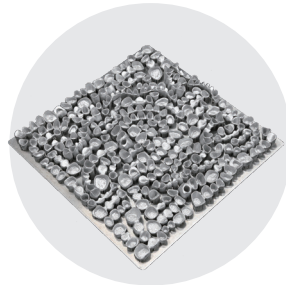
Citations: (1)Excluding substrate thickness.



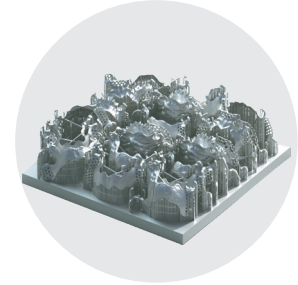
## ➤ BLT-A160/A160D APPLICATIONS



Cobalt Chromium Stent



Cobalt Chromium Alloy Denture



Titanium Alloy Stent

## ➤ BLT-A160/A160D INTELLIGENT MODULES

**Standard Configuration**

Self-diagnosis Fault-grading/Real-time Monitoring the Printing Process/Multiple Safety Interlocking Mechanism/Customized Atmosphere

**Optional Configuration**

BLT-MES System

## ➤ BLT-A160/A160D SUPPORTING CONSUMES

**General Consumes**

Scraper/Substrate/Filter Element

**Powder**

Titanium Alloy/Cobalt Chromium Alloy

## ➤ BLT-A160/A160D EQUIPMENT CONFIGURATION

