

riton®

Authorized Distributor  
3DNA™  
3DNADental.com

# DUAL-150

Metal 3D Printer  
Efficient & Superior for Production



## Double Fiber Lasers

200 pieces of crowns/15-17 metal supports can be processed in 3 hours High efficiency



## High Accuracy

Comprehensive optimization of the forming chamber performance Finished product accuracy is guaranteed



## High Stability

Water-cooled heat dissipation, concealed sealing structure design for moving parts Ensuring stable operation of the equipment



## Open Source Materials

Melting material: CoCr / Titanium Alloy / Stainless Steel



## Large-scale Melting

Melting Area:  $\Phi 150\text{mm}$   
Rapid production of partial frames



## Magnetic Fixation of Printing Board

No need for manual leveling  
Reducing printing errors



## Automation of Gas Supply and Deoxygenation

Reduce gas consumption  
Do not need to wait for equipment to be inflated

## Printed Samples :



Authorized Distributor

riton®

3DNA™  
3DNADental.com

## Auxiliary Equipment



Heat-treatment Furnace



Nitrogen Generator



Explosion-proof  
Vacuum Cleaner



Mini Sawing Machine

## Technical Parameters

Laser source:	Double Fiber Lasers
Output power of single laser:	≤500W
Laser wavelength:	1.064μm
Melting speed:	≤14000mm/s
Melting area:	Φ150mm
Melting thickness:	20-60μm
Protect gas:	Nitrogen / Argon
Production:	200 pieces of crowns/14 pieces of partial frames in 3 hours
Power supply:	4KW 220V
Whole weight:	650kg
Dimension:	1300mmx927mmx1650mm
Melting material:	CoCr /Titanium (with explosion-proof circulation for Titanium )
Environment request:	Temp 15 °C-35°C, Humidity≤95%, No vibration