

D90 II UV and PFC

The model for the industrial dental production at minimum unit costs.

Rapid Shape D90 II UV series offers all features for the volume production of high quality dental products. A true industrial grade printer engineered for 24/7 production on 100 % load. Modular high performance sub-systems including dual-circuit cooling system with heat exchanger ensure best operation. Open system architecture allows a wide range of materials. A robot-supported function is enabled through compatibility with an automatic platform changer (PFC). Take-out a ready build job and restart the next print without any interaction. In result the machine works with no breaks or even in night shifts.

Performance parameters	D90 II UV	D90 II UV XL	D90 II UV XXL	Platform Changer (PFC)
Intended use	General dental high resolution	General dental std resolution	Ortho model production	Automated platform changing
Building area	160 × 100 mm	192 × 120 mm	225 × 141 mm	
Native pixel	+/- 32 μm	+/- 38 μm	+/- 44 μm	
Max. part height	150 mm			
Light source	385nm, ultra high power UV LED			
Resolution	4K 2560 × 1600 px			
Dimension (W × H × D)	443 × 1593 × 625 mm			500 × 1593 × 800 mm
Connections	TCP/IP, USB			
Control	10" touch-screen			
No of platforms				6 pcs @ 120 mm height 8 pcs @ 70 mm height



Automatic take out

Automatic resin refill (optional)

Automatic restart

Certified auto calibration system (ACCS)

Up to 8 platforms

AC controlled interior for continuous use

TeamViewer® inside



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Designed for industrial continuous manufacturing

Lowest cost per part

Joint development of applications

Possible with or without PFC