stomdevice

rapidshape DENTAL

D90 II UV

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
Intended use	General dental high resolution	General dental std resolution	Ortho model production
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		
Connections	TCP/IP, USB		
Control	10" touch-screen		



Automatic resin refill (optional)

Certified auto calibration system (ACCS)

Optional coming with platform changer

Automatic changing of platforms. Capacity for up to 8 platforms. Unmanned operation.

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

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