

# 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)

AC controlled interior for continuous use

Certified auto calibration system (ACCS)

TeamViewer® inside

Optional coming with platform changer

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



Designed for industrial continuous manufacturing



Lowest cost per part



Joint development of applications



Possible with or without PFC