

### Large Format DLP® 3D printer

Industrial-grade 3D printer: hardware, firmware and software integrated for optimum performance. Prints entire layers within seconds for fast build times, independent of layer complexity.

### Exceptional Accuracy

The combination of proprietary hardware, firmware and software allows Henkel to achieve an unparalleled accuracy after Tolerance Tuning.

### Open Material Platform

Pre-calibrated settings for all approved LOCTITE® Resins. Can also accept other 3DP resins as well.

### Large Build Platform

The large build platform allows manufacturing an entire range of components in a single run, which can be all the same - or unique. Multiple components can be produced at the same time without influencing build speed.

### Supports Generation

Included slicing software can automatically generate a support grid structure for your application. Additionally, the software is capable to create manual support structures to optimize for specific geometry.



# EQ PR10 DLP Printer

## 2312297

### Product Features

- Print Resolution X and Y Axis: 100  $\mu$ m
- Print Resolution Z axis (Layer Thickness): 12  $\mu$ m - 100  $\mu$ m (resin dependent)
- Build Envelope (X, Y, Z): 192 mm x 108 mm x 250 mm
- Printing speed: 17 mm/hour (with **LOCTITE 3D 3830 C™** resin at 100  $\mu$ m resolution)
- Pre-calibrated settings for all approved LOCTITE® Resins
- PC based slicer software for STL files, (requires min. Windows® 10)
- Easily accessible USB interface
- Option for fume hood connection

### Product Benefits

- Powerful 405 nm UV LED engine enables fast printing
- High quality optical system with efficient heat-pipe cooling system drives excellent build area uniformity
- High precision, robust z-axis system with dual guide rails allows for printing of large parts and high print accuracy.
- High chemical resistance resin tray with PTFE coating results in lower cost of ownership.

### Technical Data

- Power supply: 110 V AC 60 Hz – 240 V AC 50 Hz, 200 W
- Projector: Full HD 1920 x 1080 pixels
- Maximum stroke of z-axis: 280 mm
- Overall Dimensions W x D x H (cm): 49 x 42 x 170 (incl. base)
- Weight: approx. 56 kg
- Operating Temperature: 17° - 27°C, optimal: 22° C (71°F)
- Typical tray lifetime: 50,000 print layers
- Expected LED lamp life time: 20,000 h

### Included accessories

- | IDH #     | Description            |
|-----------|------------------------|
| ● 2312291 | EQ PR10 Resin Tray     |
| ● 2312293 | EQ PR10 Build Platform |
| ● 2312295 | EQ PR10 Starter Kit    |

#### Note

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