

Lux 3+ Series

3D Printer

The Lux 3+ series is LuxCreo's newest iteration of industrial production 3D printers. Leverage the power of the Lux 3+ Dental for the dental industry, the Lux 3+ for prototyping and production with engineering materials, and the Lux 3L+ for large format printing.



Large format

Print larger parts in a single print



Functional

Print accurate and functional prototypes



Reliable

Dependable for high throughput production



Versatile

For prototyping and production



Lux 3+ and Lux 3L+ Printing Equipment

| Build Volume | | |
|-----------------------------|--|-------------------------------------|
| | Lux 3+ | Lux 3L+ |
| Build Volume | 293mm*165mm*380mm | 384mm*216mm*380mm |
| Resolution | 76.5 µm | 100 µm |
| Release Membrane | LEAP™ | LEAP™ |
| Layer Thickness | 0.020-0.15mm | 0.020-0.15mm |
| Printing Resolution | Bottom-up | Bottom-up |
| Printing Speed | Model Dependent | Model Dependent |
| Projector Properties | | |
| Stereolithography | DLP | DLP |
| Array | 3840 * 2160 | 3840 * 2160 |
| UV Wavelength | 405 nm | 405 nm |
| Uniformity | 97% | 97% |
| Dimensions | | |
| Dimensions WDH | 850x780x1865 mm/33.5" X 31" X 73.4" | 850x780x1865 mm/33.5" X 31" X 73.4" |
| Weight | 250 kg | 250 kg |
| Interface | 11.6" Touch Screen | 11.6" Touch Screen |
| Button | Start / Reset / Emergency Stop | Start / Reset / Emergency Stop |
| Connectivity | 2xUSB, Ethernet, CC-link | 2xUSB, Ethernet, CC-link |
| Functions | | |
| Membrane | 2 x cameras | 2 x cameras |
| Door Control | Automatic | Automatic |
| Resin Heating | Up to 50 °C | Up to 50 °C |
| System Sensor | Door status, Resin Level, Resin temperature, Platform locking, Resin tank locking, QR code | |
| Environmental Sensor | Temperature, Humidity, Device Level | |
| Electrical | | |
| Voltage | 100-240V 50-60Hz | 100-240V 50-60Hz |
| Power | 1000 W | 1000 W |
| Operating Environment | | |
| Ambient Temperature | 18°C to 32°C | 18°C to 32°C |
| Ambient Humidity | <80% | <80% |
| Storage Temperature | -20°C to +60°C | -20°C to +60°C |