

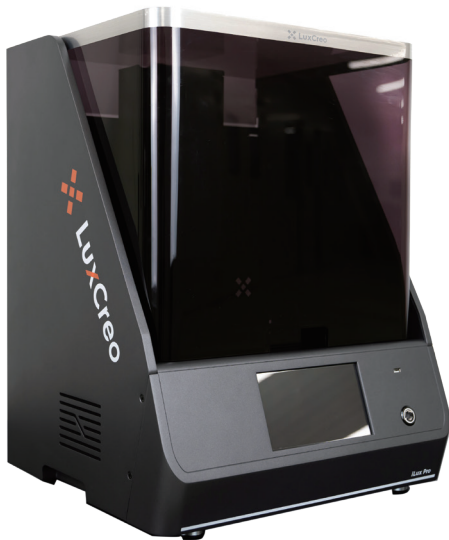


## LuxCreo iLux Pro Next Generation Desktop Smart Factory 3D Printer

iLux Pro is the first Smart Factory 3D printer to print high-performance and high-viscosity production parts and functional prototypes in a compact desktop form. Designed and developed by LuxCreo's leading hardware and Smart Factory production teams, iLux Pro leverages years of LuxCreo's production experience to bring this new capability to manufactures, brands, and labs accelerate product innovation.

All iLux Pro Smart Factory 3D printers are connected LuxCreo on-demand Smart Factory production services bringing instant production scale to is footwear, medical and consumer products brands and manufactures globally.

### iLux Pro



#### SYSTEM SPECIFICATIONS

Build Volume (XYZ)	192 x 120 x 200 mm (7.6 x 4.7 x 7.9 in)
Resolution	3840 x 2400 ppi
Wavelength	405 nm
Printing Speed	Vertical printing of a plate full of models with EM'23 @ 15 mm/h
3D Printer Crated(WxDxH)	553 x 523 x 1070 mm (22 x 21 x 42 in)
3D Printer Uncrated(WxDxH)	434 x 392 x 550 mm (17 x 15 x 22 in)
3D Printer Door Open(WxDxH)	434 x 500 x 730 mm (17 x 20 x 29 in)
3D Printer Crated Weight	37kg (82 lbs)
3D Printer Uncrated Weight	23kg (51 lbs)
Certifications	FCC, CE
Warranty	12 months manufacturer's warranty included Extended warranty options available

#### SUGGESTED OPERATING ENVIRONMENT

Temperature	22-26 °C (72-79 °F)
Humidity (RH)	≤60%
Power	100-240 VAC, 50/60 Hz, 500 W

#### MEMBRANES

Compatible Membranes	LEAP-S
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#### MATERIALS

Compatible Materials	EM 01, EM'23, TM 79
Material Packaging	Material dependent

#### SOFTWARE AND NETWORK

Software	LuxFlow
Connectivity	USB / Ethernet / WiFi

#### MINIMUM CONFIGURATION

Operating System	Windows 10 64-bit operating system
CPU	Core i7 CPU@2.40GHz
Memory	16GB
Graphics Card	NVIDIA GeForce GTX 1650Discrete graphics card
HD	HDD 500G

## Case Study

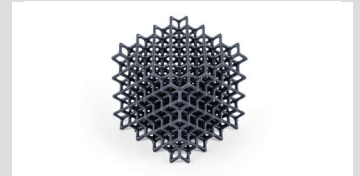
iLux Pro is the first desktop printing solution to include LuxCreo's fast and reliable printing LEAP™ platform used exclusively in LuxCreo's industrial Smart Factory 3D Printers: Lux 3+ and Lux 3Li+ solutions. LEAP™ platform enables production 3D printing of high-performance resins and end-to-end application solutions for functional prototyping, consumer goods, medical, industrial applications and scientific research.



### Resin Materials

#### EM\*23

EM\*23 is LuxCreo's elastic material with excellent elasticity, tear resistance and flex durability. It is ideal for functional parts requiring outstanding fatigue resistance and can be used in sports midsoles, sports protective gears, buffer materials and seals.



#### TM 79

TM 79 features excellent low shrinkage and high impact strength, which makes it perfect choice for tough and durable parts material. It can be used in rapid prototype printing and small-scale testing of electrical housing, tooling fixtures and automotive interior and exterior parts.



### Case Study

#### 3D Printed Half Insole

Designed individually, 3D printed insoles can be customized with various lattice density and rigidity. It is designed to be used in different applications such as daily wear, sports fitness and orthodontic treatment.



#### 3D Printed Industrial Parts

This solution of rapid and accurate small-scale production of industrial parts with complex structures is perfect to support enterprises' needs of fast product iteration.



#### 3D Printed Fixtures

Assembly fixtures with high precision for various automotive applications can be printed quickly and therefore, significantly improving the assembling speed and accuracy.



### International Headquarter

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