



# Liquid Crystal TITAN



### Extremely large print volume

695 x 385 x 1200mm  
(27.3 x 15.2 x 47.2")



### High resolution

91µm pixel pitch  
32" 8k screen



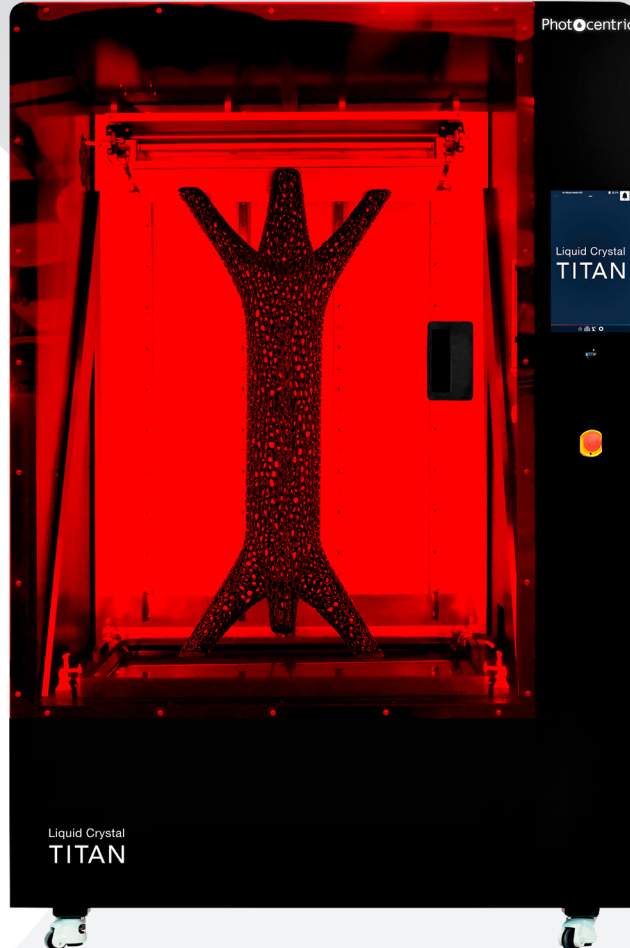
### Interchangeable platform with ResinGlide coating

Easy cleaning and less waste



### 86mm/hr print speed

At 350µm layer thickness  
volumetric speed up to 24l/hr



### Remote control and monitoring

With 4k time-lapse cameras



### Automatic resin control

With auto vat fill and empty functions



### Patented Blow-Peel technology

Ensures reliable and fast printing



### Extended screen life

No UV means no screen degradation

## The world's largest LCD 3D printer

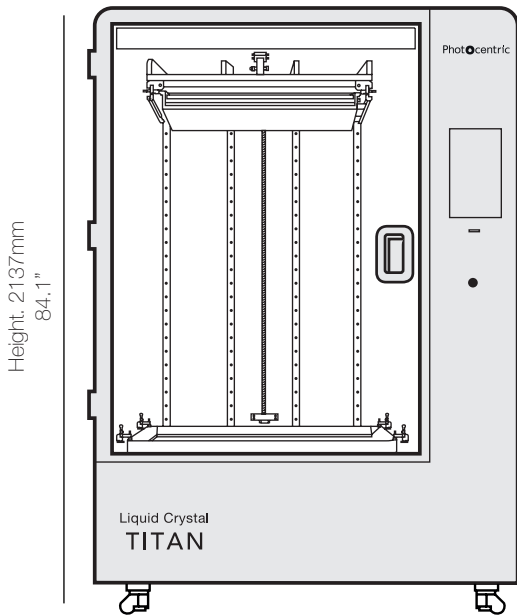
9 years of LCD 3D printer development has arrived at Liquid Crystal Titan.

The largest, highest resolution, fastest printing large format LCD 3D printer is also creating the greatest value. Supplied as a complete process solution with Wash XL, Cure XL, Daylight resins, design software, recycling options, CO2e part assessment, training and design consultancy.

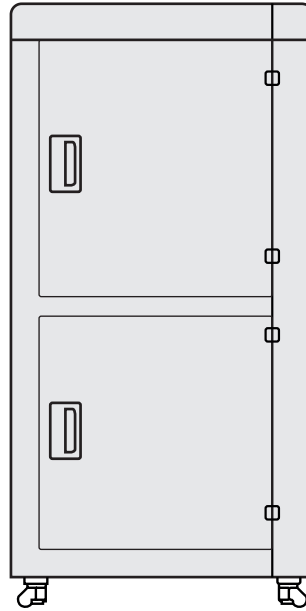


Liquid Crystal  
**TITAN**

Photo**centric**



Width. 1544mm  
60.8"



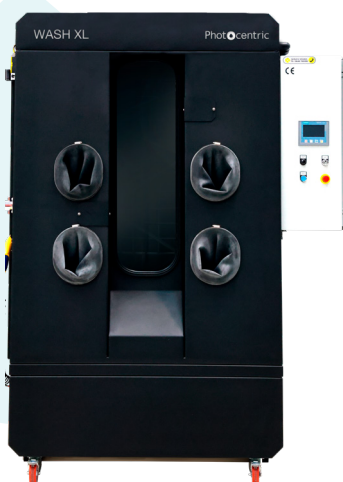
Depth. 926mm  
36.5"

External dimensions (WxDxH)	1544 x 926 x 2137mm 60.8 x 36.5 x 84.1"
Weight	635kg
Build volume dimensions (WxDxH)	695 x 385 x 1200mm 27.3 x 15.2 x 47.2"
Resolution	LCD screen 8K 7680 x 4320 pixels
Print layer thickness	50-350µm
Compatible with	Daylight resins
Power consumption	3.3kW in average, 5.5kW at peak
Light output intensity	1.6 mW/cm <sup>2</sup>
Light output wavelength	460nm
Power input	32A 230v Single Phase
Plug type	3 pin IEC60309
Warranty	12 months



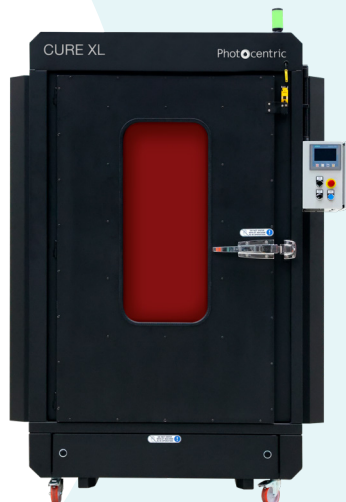
**EXTENDED WARRANTY**  
AVAILABLE ON THIS PRODUCT

## Part of the Liquid Crystal Titan solution Enabling fast, cost-effective 3D printing of large parts



### Wash XL

Efficient cleaning of large 3D printed parts



### Cure XL

Optimal cure for large 3D printed parts



### VoxelDance

Support and laticing software for optimal large format printing



A full range of **Daylight materials** with wide variety of properties



### Platform Handler

Easy transfer of parts through process



### Customer Support

Training, Consultancy and Service Packages

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USA 855 N. 107th Ave., Suite A110, Avondale, Arizona 85323  
[www.photocentricgroup.com](http://www.photocentricgroup.com)

**MADE IN UK**

LC Titan Datasheet 06/12/2023

