

SOL



SOL is an LCD 3D printer with a monochromatic print screen and is specifically designed for same-day chairside digital dentistry. It prints at three times the speed of SLA printers and has five times more UV Power than earlier models so that it can match DLP Printers. SOL gives light to the full package needed for present-time digital dentistry.



54 LEDs calibrated to be completely uniform



150+ Prevalidated Materials



Selective curing for improved accuracy and lifespan



49-micron Pixel-size




Instant access to resin updates

TECHNICAL SPECIFICATIONS

3D Print Technology	Monochrome LCD Panel
Dimensions	29.2 (W) x 27.1 (D) x 41.6 (H) cm 11.5 (W) x 10.7 (D) x 16.4 (H) in
Weight	Approx. 18 kg Approx. 40 lbs
Print Area	12.9 (W) x 8 (D) x 12 (H) cm 5.1 (W) x 3.1 (D) x 4.7 (H) in
XY Resolution	49 μ m
Layer Thickness	30 - 150 μ m
UV Wavelength	385 ~ 405 nm
Power Input	100-240VAC, 50-60Hz

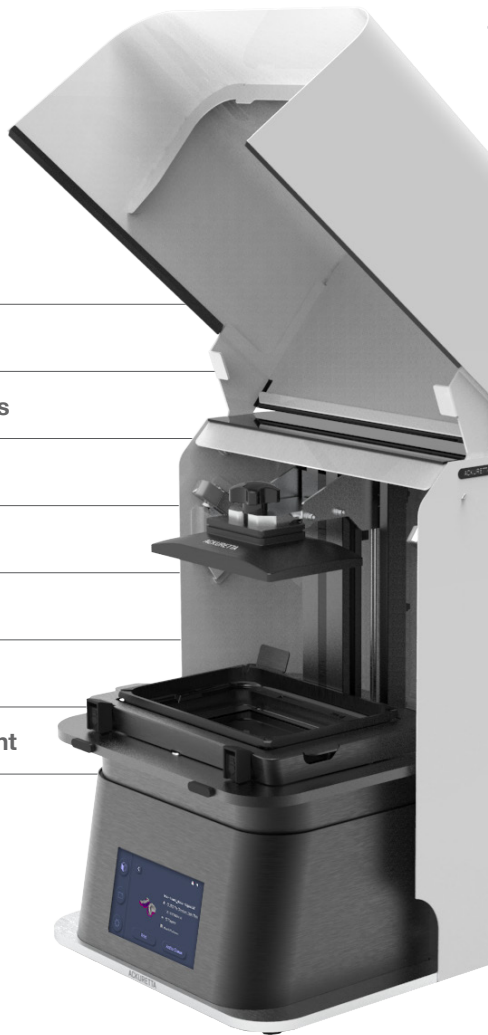
PACKAGE INCLUDES

- 1 x SOL 3D Printer
- 1 x ALPHA AI Premium Free Trial Card
- 1 x SOL  Build Platform
- 1 x Power Cable
- 1 x Ethernet Cable
- 1 x Wi-Fi Dongle
- 1 x Hex Key
- 1 x Vat & Vat Box
- 1 x Starter Tool Kit

SOL

FEATURES

- Modern piano black finish
- Swivel UV-filter hood
- VAT standoffs protect VAT films
- Fallsafe VAT frame
- Ergonomic touchscreen
- 150+ validated resins
- Minimal learning curve
- Simple component replacement
- Designed for chairside and same-day digital dentistry



APPLICATIONS



Dental Model
3 per print
54 min



Temporary Crown
45 per print
51 min



Splint
3 per print
2h 07 min



Denture Base
3 per print
1h 51 min



Denture Teeth
3 per print
56 min



Surgical Guide
10 per print
53 min



IBT
6 per print
51 min



Castable Crowns
45 per print
1h 25 min



Impression Trays
6 per print
3h 37 min



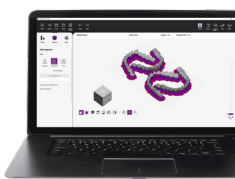
Gingiva
6 per print
60 min

ACKURETTA 3D PRINTING SOLUTION

Dental clinics and labs now have the tools to effortlessly 3D print end-product restorations chairside with increased efficiency, and at a reduced cost. Ackuretta offers a validated all-in-one biocompatible solution that includes hardware, software, finishing solutions, resins, training resources, and documentation that will enable you to complete your prints in a single day.

Proprietary Software

ALPHA AI



3D Printing Resins



LCD 3D Printers



Finishing Kit



* The printing times and pieces per print are obtained using the Large Build Platform and the optimal settings for our CURO resin range.