SOL

ACKURETTA

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 µm
Layer Thickness	30 - 150 µm
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 **L** 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

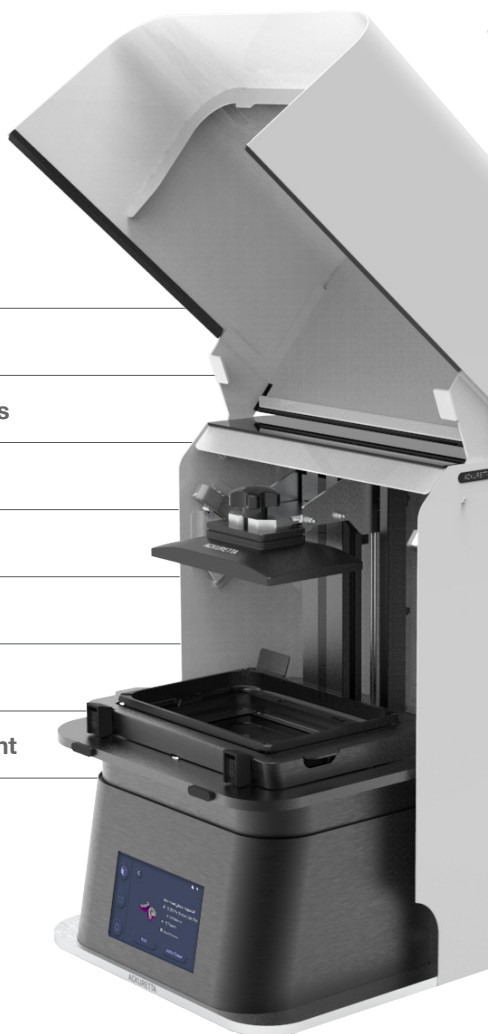* Starting June 2024, a heater will be provided with every SOL

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

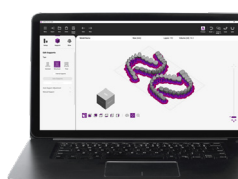→ Designed for chairside and same-day digital dentistry

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	3D Printing Resins	LCD 3D Printers	Finishing Kit

ALPHA AI

APPLICATIONS

Dental Model
L 47 min - 8 per print
M 36 min - 1 per print

Temporary Crown
L 51 min - 28 per print
M 37 min - 12 per print
S 32 min - 3 per print

Splint
L 2h 07 min - 3 per print
M 2h 06 min - 1 per print

Denture Base
L 1h 51 min - 3 per print
M 1h 21 min - 1 per print

Denture Teeth
L 56 min - 3 per print
M 43 min - 1 per print

Surgical Guide
L 53 min - 8 per print
M 41 min - 3 per print

IBT
L 51 min - 3 per print
M 41 min - 1 per print

Castable Crowns
L 1h 25 min - 28 per print
M 49 min - 12 per print
S 49 min - 3 per print

Impression Trays
L 3h 37 min - 4 per print
M 2h 25 min - 1 per print

Gingiva
L 60 min - 9 per print
M 54 min - 4 per print
S 50 min - 1 per print

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

ackuretta.com