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

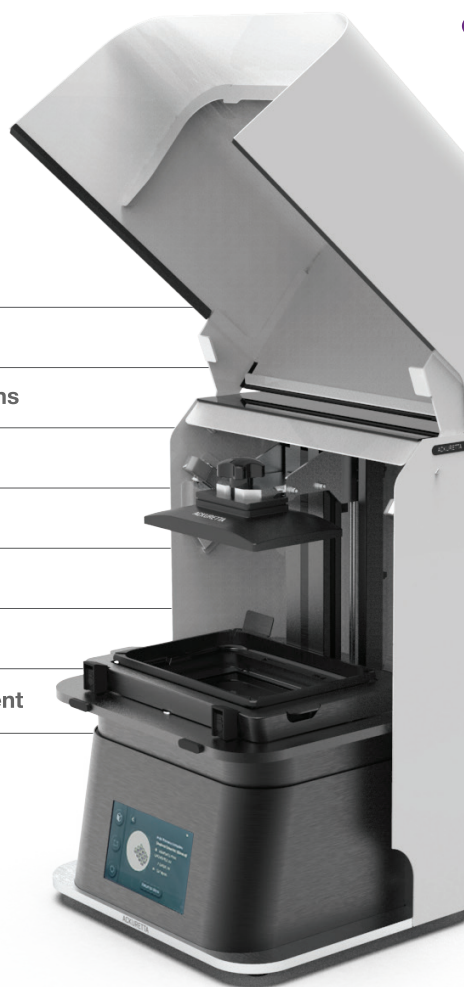|	
3D Print Technology	Monochrome LCD Panel
Dimensions	29.2 (L) x 27.1 (W) x 41.6 (H) cm 11.5 (L) x 10.7 (W) x 16.4 (H) in
Weight	Approx. 18 kg Approx. 40 lbs
Print Area	14 (L) x 8 (W) x 12.8 (H) cm 5.5 (L) x 3.1 (W) x 5.04 (H) in
XY Resolution	49 µm
Slice Thickness	30 - 150 µm
Resin Wavelength	385 ~ 405 nm
Power Input	100-240VAC, 50-60Hz

PACKAGE INCLUDES

1 x Extra Print Screens

1 x Extra Vat

1 x Ethernet Cable

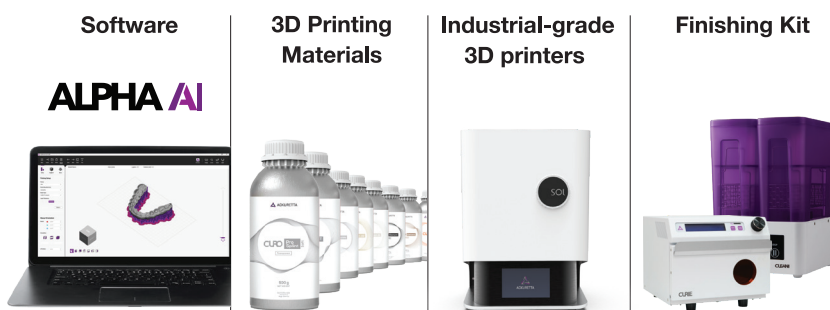1 x Wi-Fi Dongle

1 x Starter Tool Kit

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SOL
FEATURES

→ **Modern piano black finish**

→ **Swivel UV-filter hood**

→ **VAT Standoffs protect VAT films**

→ **Failsafe 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

Envision a future where dental clinics have a solution to 3D print end-product restorations chairside with lower cost, and higher efficiency. From Hardware, Software, Finishing Solutions, Materials, to Training Resource, **Ackuretta keeps everything in-house and completed in the same day.**

Software	3D Printing Materials	Industrial-grade 3D printers	Finishing Kit
ALPHA AI			

APPLICATIONS

Dental Models
3 per print
50 min

Surgical Guides
10 per print
50 min

Temporary Crowns
55 per print
30 min

Denture Bases
4 per print
120 min

Denture Teeth
3 per print
45 min

Removable Partial Dentures
4 per print
60 min

Gingiva
45 per print
40 min

Impression Trays
2 per print
90 min

IBT
3 per print
80 min

Castable Crowns
35 per print
30 min

Mouth Guards
3 per print
70 min

Splints
3 per print
60 min

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