

# SOL

## Breathe SOL into Your Creation



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



**100+** 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
Machine Size	271 (W) x 292 (L) x 416 (H) mm
Weight	~ 15 kg
Print Size	128 x 80 x 140 mm
XY Resolution	49 $\mu$ m
Slice Thickness	30 - 150 $\mu$ m
Resin Wavelength	385 ~ 405 mm
Power Supply	110 - 240 V AC, 50 - 60 Hz

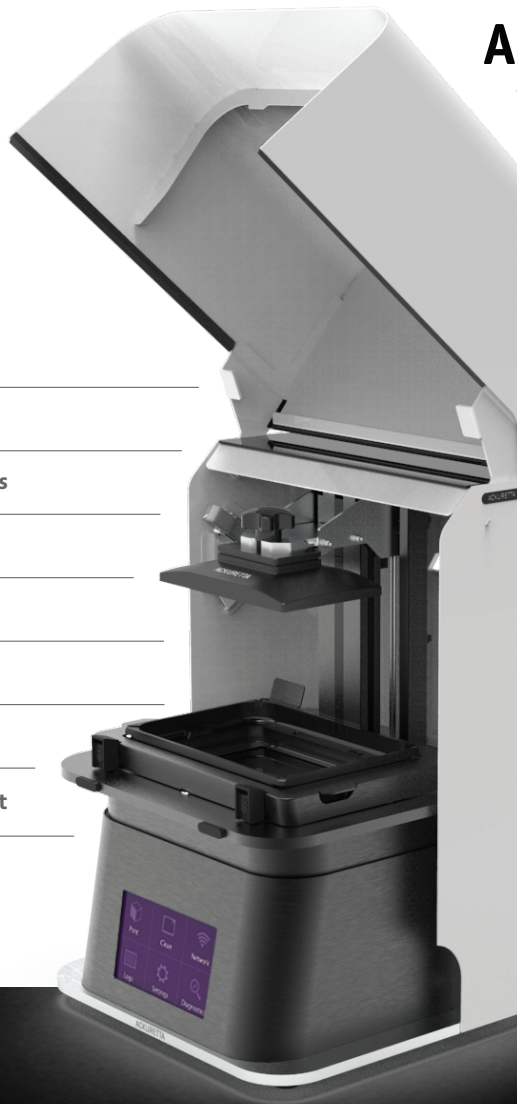
### SOL PACKAGE INCLUDES

- 1 x Extra Print Screens
- 1 x Extra Vat
- 1 x Ethernet Cable
- 1 x Wi-Fi Dongle
- 2 - year Warranty



## FEATURES

- Modern piano black finish
- Swivel UV-filter hood
- VAT Standoffs protect VAT films
- Failsafe VAT frame
- Ergonomic touchscreen
- 100+ validated resins
- Minimal Learning Curve
- Simple component replacement
- Designed for Chairside and same-day Digital Dentistry



## 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

## ACKURETTA ECOSYSTEM

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



### Finishing Kit



### Industrial-grade 3D printers

