

The SOL of the Conversation



ACKURETTA

User Scenarios

Ackuretta is not only a 3D printer manufacturer; it develops fully validated digital dentistry systems, customized for our partners, their system products, and multiple user scenarios.



SOL



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Introducing SOL

A faster, cheaper, and safer way to produce end-restorations and other dental applications in health-wary world. Here's how we're able to achieve those results:

- The world's first dental AI software **removes 80% of user related work** and can produce accurate and repeatable results.
- A simple learning curve ideal for clinics, with **zero calibration required**.
- Accelerated printing speeds, production of **dental crowns & bridges in only 30 minutes**.
- An entirely **In-house clinical printing ecosystem** prevents potential of transferring virus contaminated impressions.



SOL Specifications

- Remote Diagnostics and Repair
- 2-year Warranty
- 3x Faster than SLA printers/Matches DLP Printing Speeds
- Super Smooth Surface Finish
- Form and function geared towards clinical users
- Auto calibrated – No user calibration required

3D Printing Technology	LCD
Printing Size	128 x 80 x 120 mm
Machine Size	29 x 27 x 42 cm
Pixel Size	49 micron
Printer Wavelength	385~405 nm
Printing Speed	4.5 cm/hr.
Material System	Open
End User Price (USD)	\$4,650



Comparison Summary

	Ackuretta	Formlabs - Form 3	Sprint Ray - Pro	Next Dent - 5100	Asiga Max
Technology	LCD	SLA	DLP	DLP	DLP
Printing Size	128 x 80 mm	145 x 145 mm	192 x 120 mm	125 x 70 mm	120 x 68 mm
Pixel Size	49 micron	85 micron	98 micron	65 micron	63 micron
Printing Speed	4.5 cm/hr.	1 cm/hr.	3 cm/hr.	6 cm/hr.	4.5 cm/hr.
Material System	Open	Closed	Open	Closed	Open
Machine Price (USD)	\$3,850	\$3,500	\$6,750	\$10,000	\$10,000





SOL Print Performance



Dental Model



Surgical Guide



Temporary Crown



Denture Base



Denture Teeth



Removable Partial Dentures

Print Time	60 min.	45 min.	25 min.	90 min.	30 min.	30 min.
Parts per Bottle	75	150	2500	100	300	500
Cost per Print	\$3	\$2	\$0.2	\$3	\$1	\$0.5



IBT



Tray



Gingiva



Splint



Mouth Guard

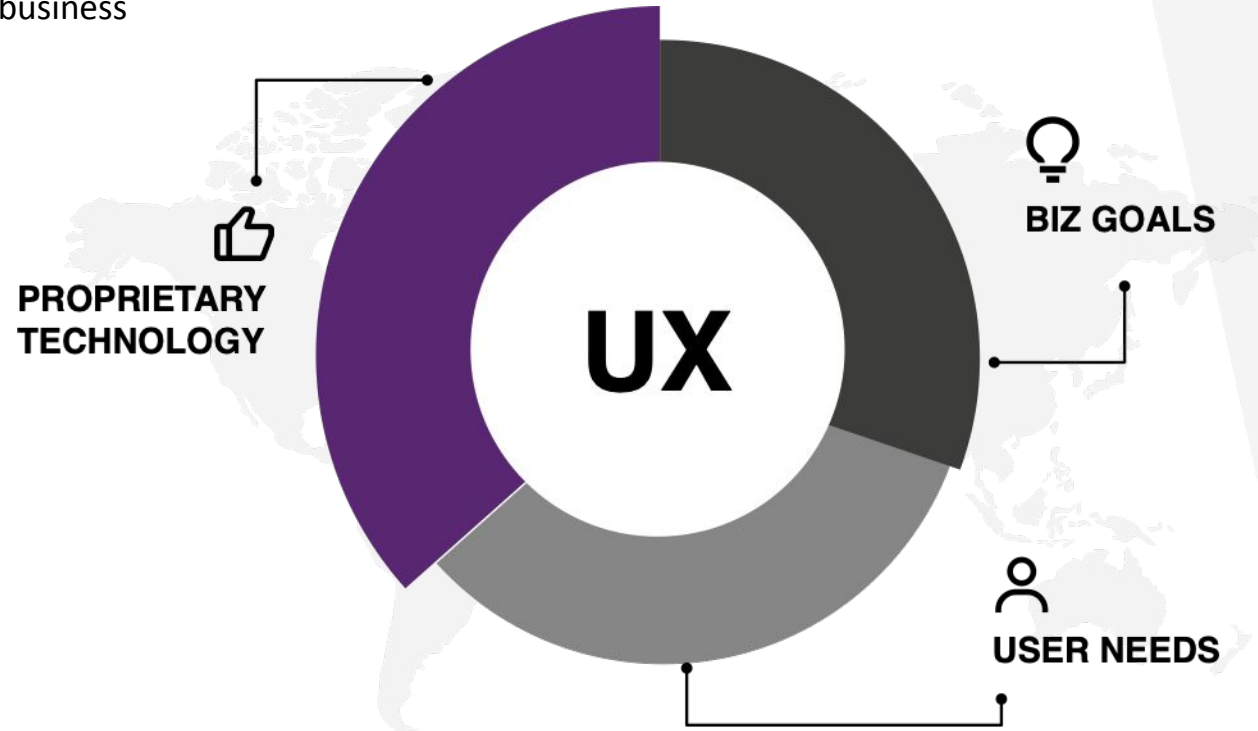


Castable Crown

Print Time	40 min.	90 min.	25 min.	40 min.	90 min	25 min.
Parts per Bottle	155	65	1000	80	50	2500
Cost per Print	\$2	\$3	\$0.5	\$2	\$3	\$0.2

UX Design

UX design processes are implemented to all stages of hardware, software and brand development. This means, you and your customers, benefit with optimum solutions for hardware, software, branding, business strategies and proprietary technologies.



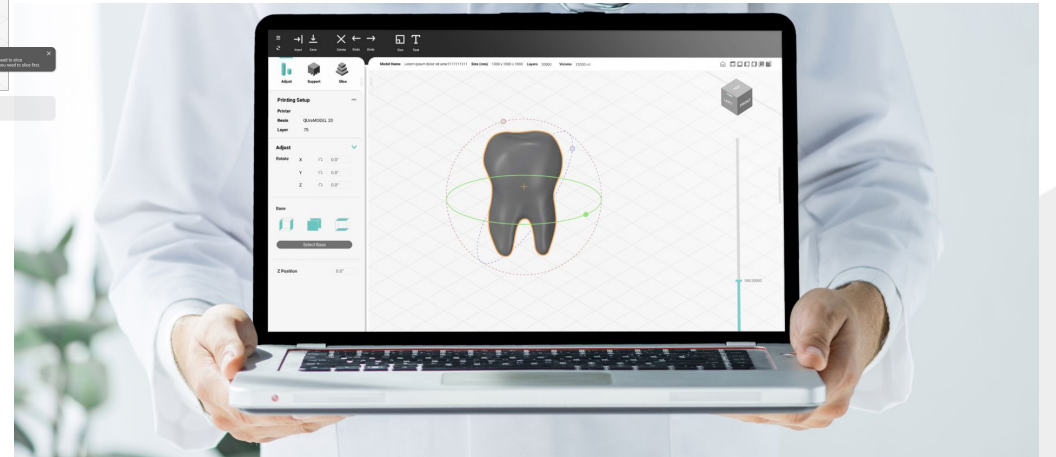
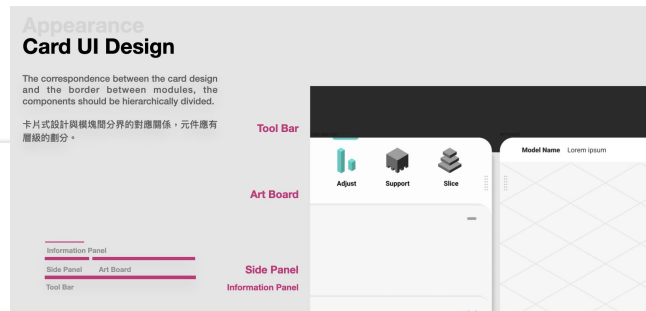
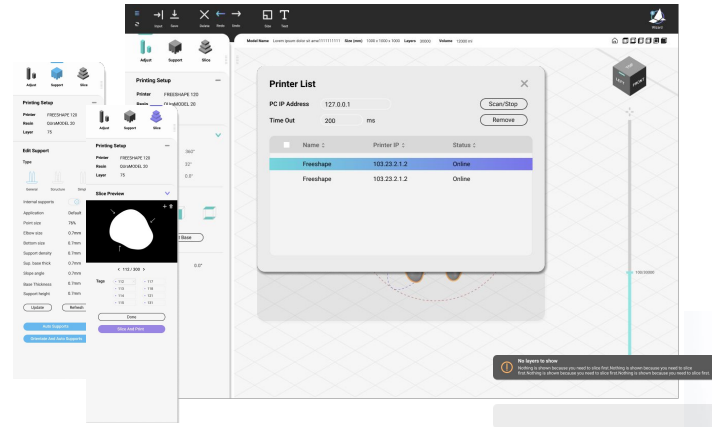
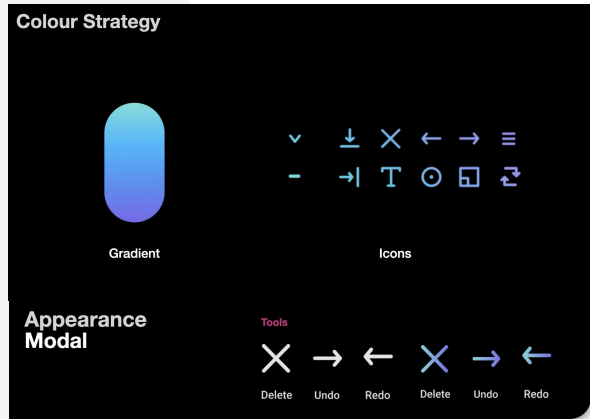
Alpha AI

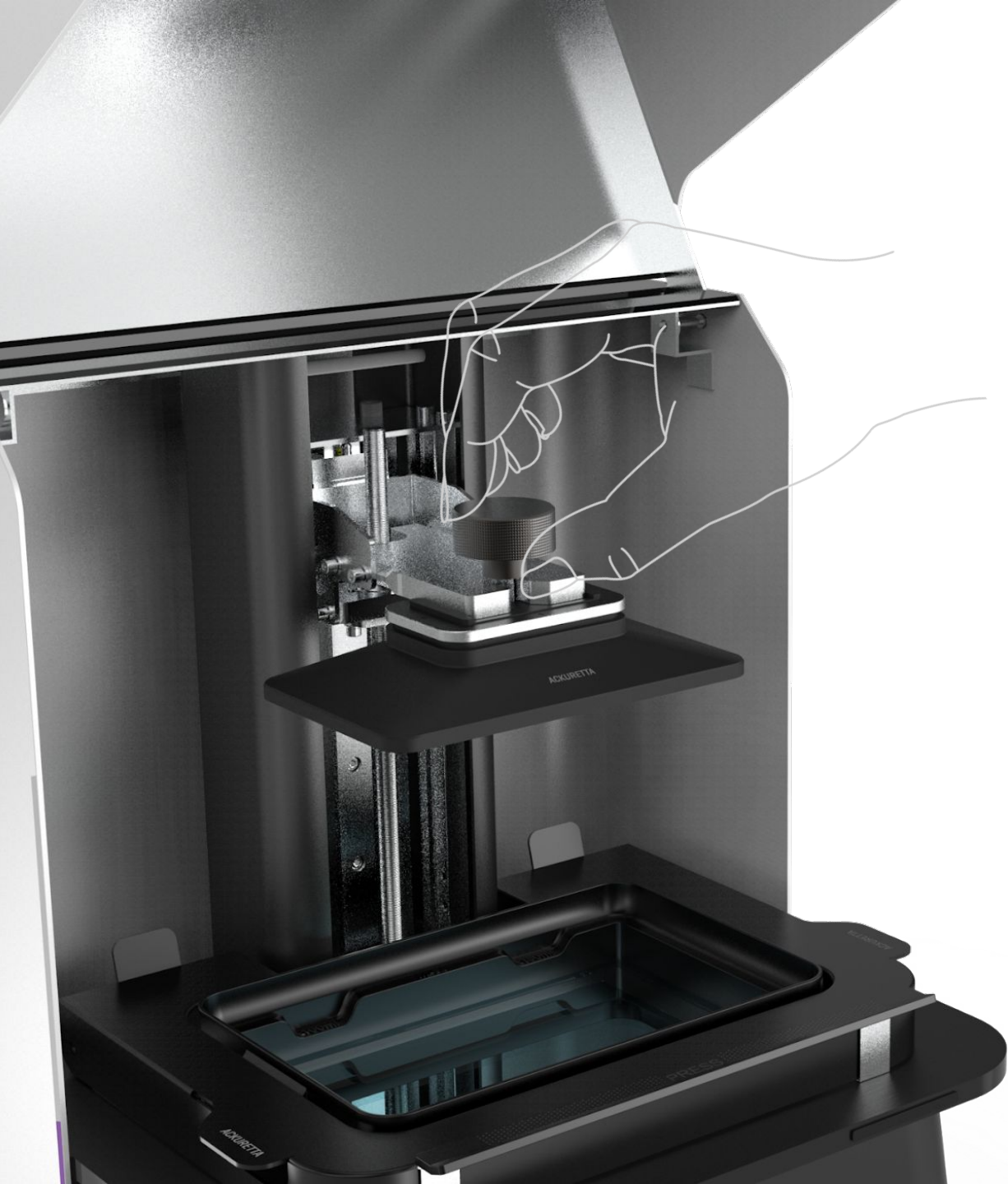
Ackuretta is pro-active, forward-thinking and IP driven. In 2021, we are redesigning and updating our proprietary 3D slicing software **Alpha 3D** to **Alpha AI**.

We will be proud to announce it as being the most intuitive, dental-focused, UX driven, 3D slicing software.



The Best Dental Clinic Slicing Solution

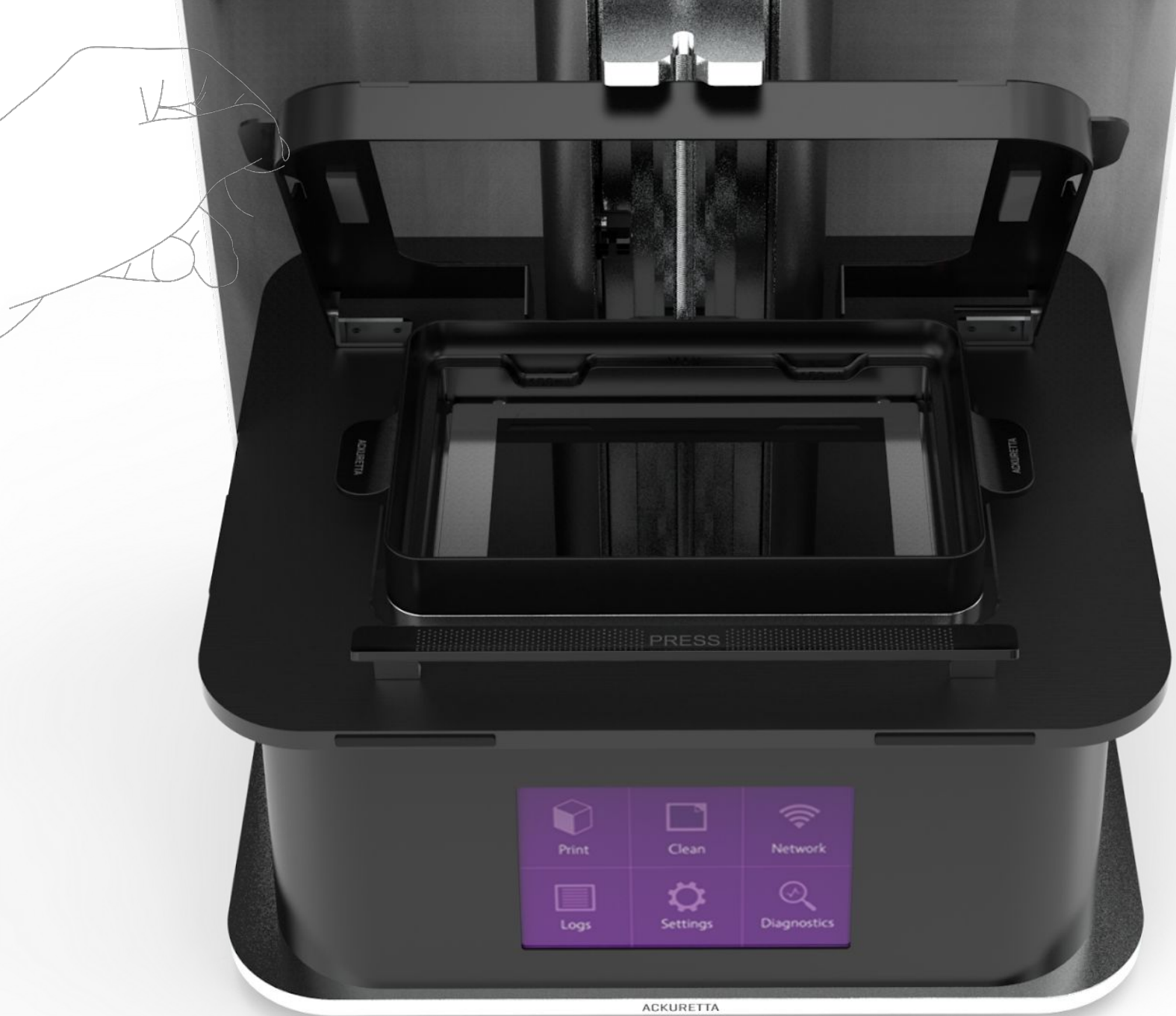




- The fixed cover of the Vat can be operated one-handed for a simplified operation UX
- Multiple intuitive and ergonomic processes.
- VAT designed for effortless film replacement.

- Black coating for screws as well as a black finish on the top surface for overall consistency
- Metal finish with knurling on the knob for better user experience and purpose of elegance
- New mechanism design for better positioning



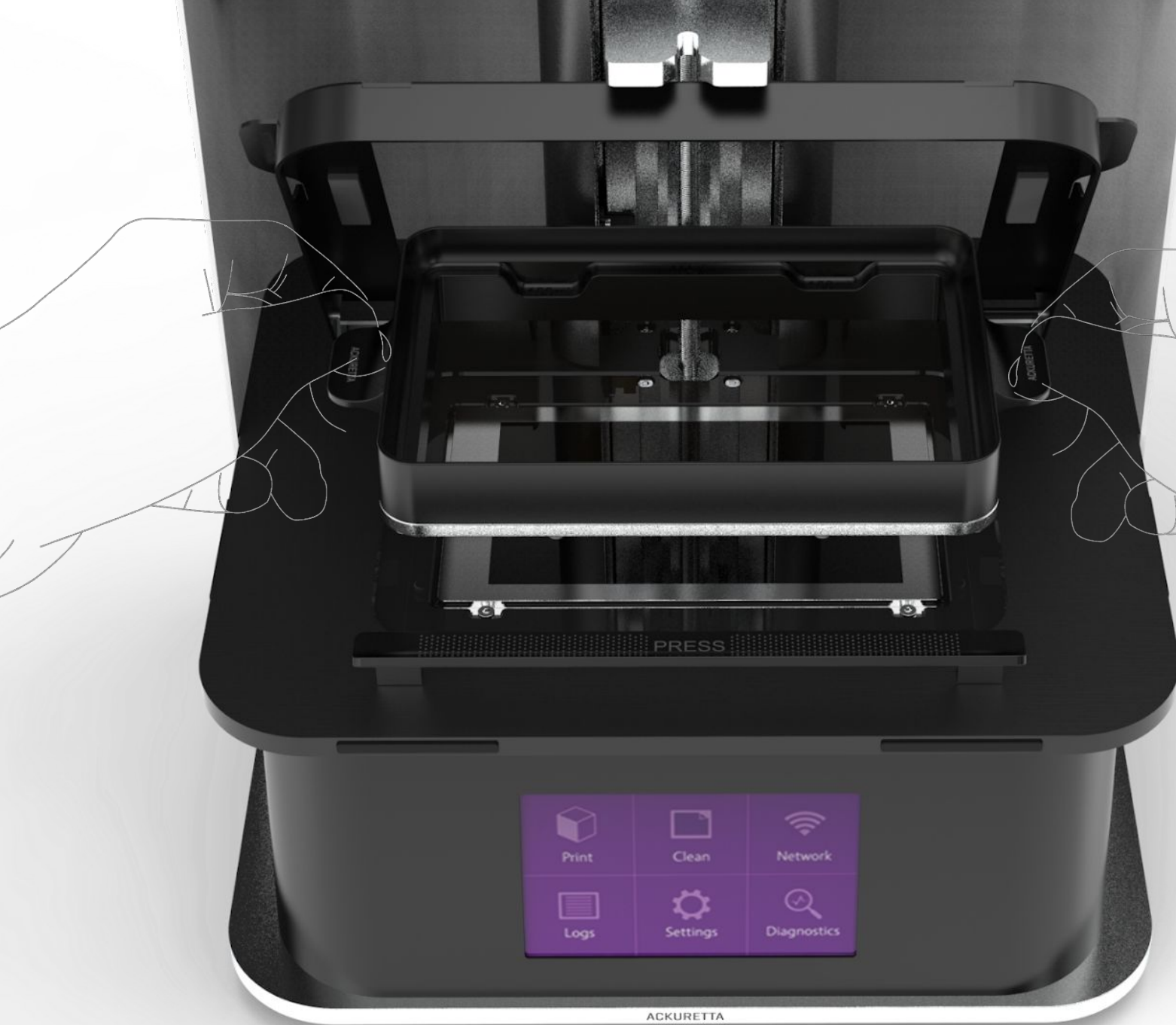


Intuitive Operation

1. Unlock the Vat

Intuitive Operation

1. Unlock the Vat
2. Lift the Vat



ACKURETTA

Intuitive Operation

1. Unlock the Vat
2. Lift the Vat
3. Remove the Vat



SOL



ACKURETTA SOL PREVIEW

Printer Perspectives

