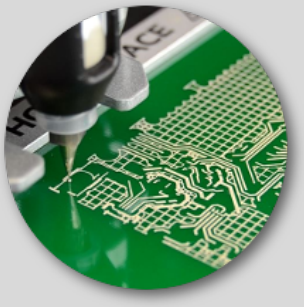
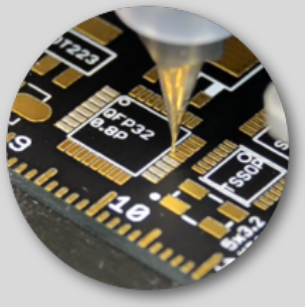
VOLTERA

Circuit Printing



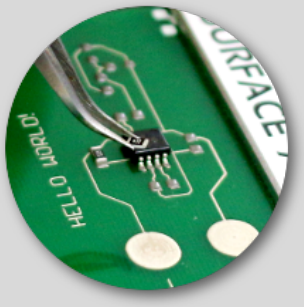
Print with silver ink to create electrical traces.

Solder Paste



Dispense solder paste on any circuit board.

Reflow



Place your components and watch them reflow.

BUILD HARDWARE FASTER

Electronics prototyping that moves at the speed you need.

Decrease your time to market.
Printing circuit boards on your desktop, on your schedule, gets you from prototype to production faster than ever before.

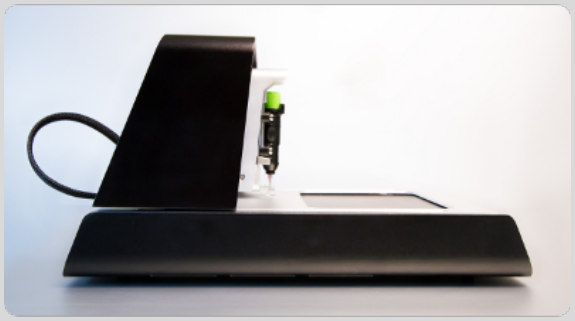
Errors should not cost a fortune.
Even the most experienced engineers make mistakes. Reduce the financial costs by prototyping the tricky parts of your design.

Collaborate with Voltera.
Are you interested in the V-One but want to dispense your own inks? The Voltera R&D team will work with you to customize your V-One setup.

sales@voltera.io www.voltera.io +1 888-381-3332

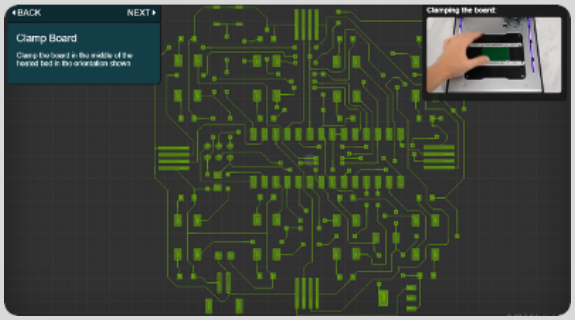
Dispense on the materials you want.

Use ridgid substrates like FR4, glass and ceramics, or flexible films like Polyimide (Kapton) or silicone. After printing, ink is cured at 200˚C for 30 mins to ensure excellent electrical conductivity and soldering properties.



From initial concept to low volume runs.

Forget the hassle of stencils and dispense solder paste on traditionally fabricated boards - A typical board takes only 15 minutes. When it's done, mount the components on and let the V-One's 550W heater reflow your board right before your eyes.

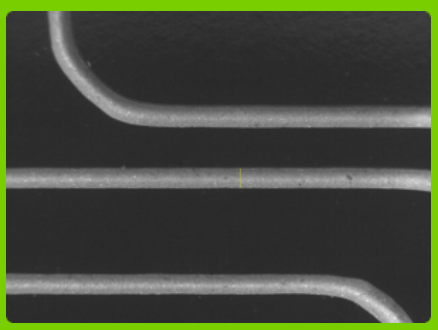


Software that fits your workflow.

The V-One software processes Gerber files, so you can use a program that you're already comfortable with. (Eagle, Kicad, Altium, PADs, Diptrace, etc). Our intuitive software has no learning curve and will guide you every step of the way.

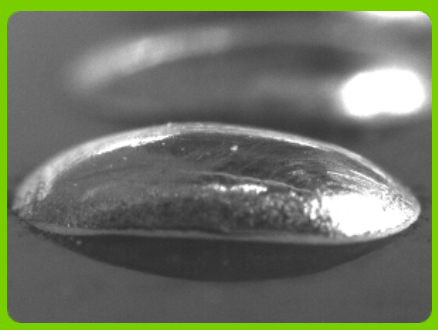
TECHNICAL SPECIFICATIONS	METRIC	IMPERIAL
Maximum Print Area	135 mm x 113.5 mm	5.3" x 4.4"
Minimum Trace Width	0.2 mm	8 mil
Minimum Pin-to-pin Pitch (Conductive Ink)	0.8 mm	32 mil
Minimum Pin-to-pin Pitch (Solder Paste)	0.5 mm	20 mil
Compatible Operating System	Windows 7, 8, 10 (64 bit). OSX 10.11+ (El Capitan)	
Compatible File Format	Gerber	

Full list at: www.voltera.io#specs



Printed lines at 8 mil trace width

Solder paste on 0603 pads



Hand solderable pads

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