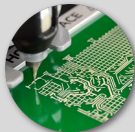


#### Circuit Printing



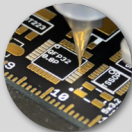
Print with conductive ink to create electrical traces

#### Drilling



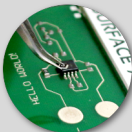
Quickly drill holes for vias and through hole components

#### 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.



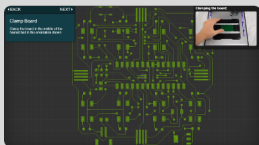
## Dispense on the materials you want.

Use rigid 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.

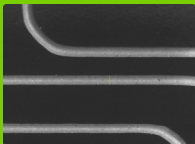
### TECHNICAL SPECIFICATIONS

### METRIC

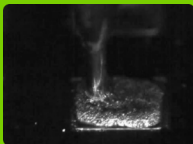
### IMPERIAL

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	

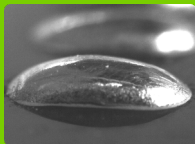
Full list at: [www.voltera.io/specs](http://www.voltera.io/specs)



Printed lines at 8 mil trace width



Solder paste on 0603 pads



Hand solderable pads