Printed Electronics Expertise

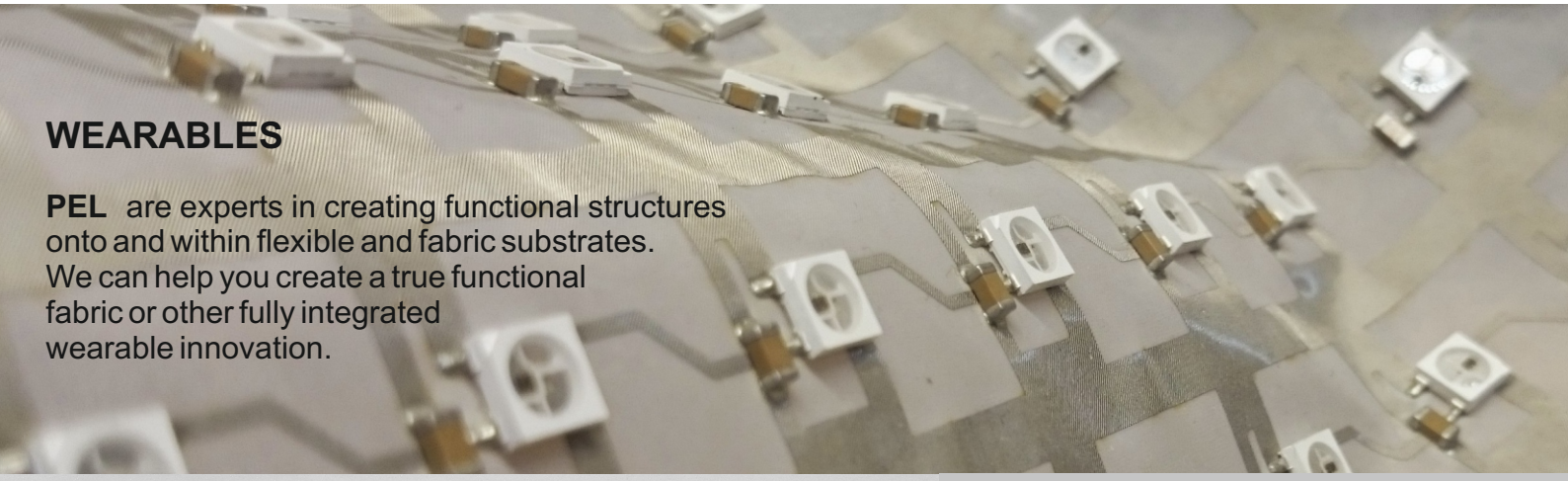
PEL
Printed Electronics Ltd

PEL is a complete solution provider for process and product development relating to Printed Electronics and other functional material deposition creations.

PEL are experts in the entire process. We can create, modify and supply; equipment, inks, supplies, training, process and product development, proof-of-concept, production, and other development support for your new innovation.

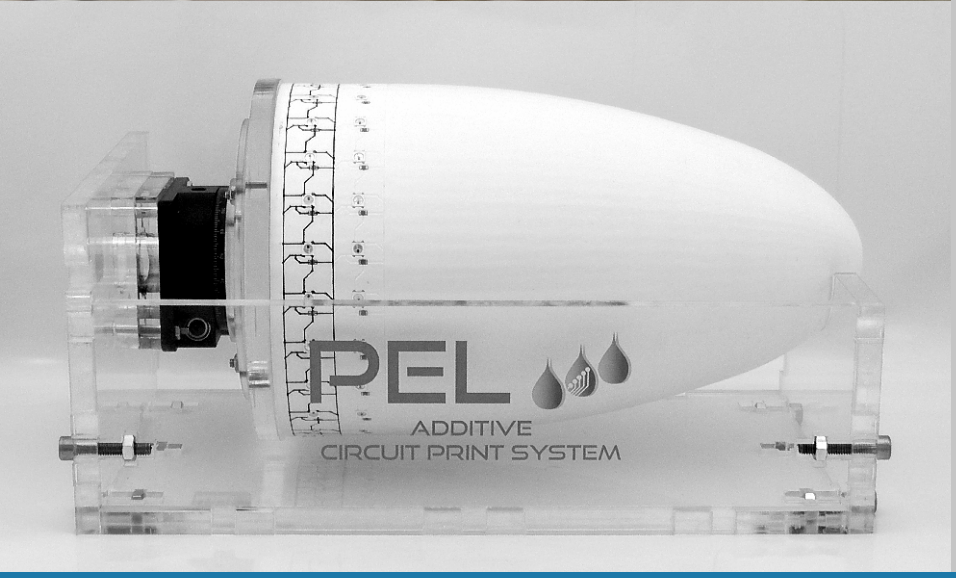
Please see our website for further details:

www.PrintedElectronics.com



WEARABLES

PEL are experts in creating functional structures onto and within flexible and fabric substrates. We can help you create a true functional fabric or other fully integrated wearable innovation.



3D Printed Electronics

PEL has extensive expertise in both 3D functional structures, and in creating functional structures on existing 3D objects.

These functional structures can be circuit interconnects, antennas, or complex systems such as sensors and electroactive actuators.

Contact us at 3d@printedelectronics.com to discuss proof of concept or process development to support your innovations.

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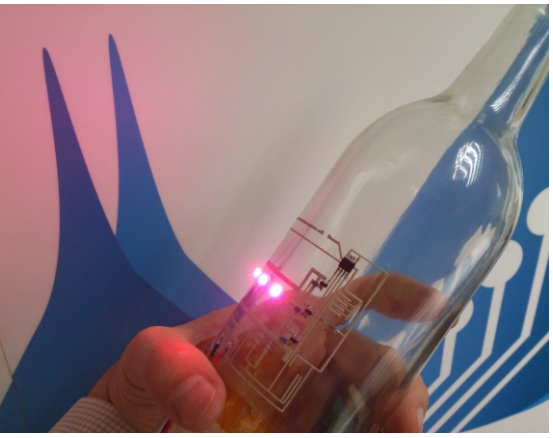


From a micron to a kilometre, **PEL** can provide the expertise to make your idea a reality.

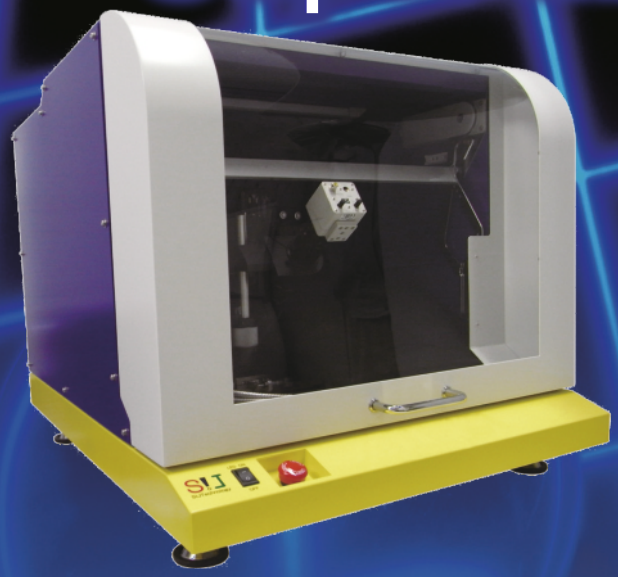
We are PrintedElectronics.com

PEL are global leaders, and we work with most of the other major companies and institutions, in the Printed Electronics industry. So if you have an electronics innovation that needs something more advanced than conventional electronics can provide, please get in touch.

Contact
www.printedelectronics.com
info@printedelectronics.com
Tel +44 1827 263 338

SIJ - the 1micron R&D print system

Super Inkjet Printer



Features

Smallest droplet
Droplet volume : 0.1 fL(femtoliter) - 10 pL

Wide range of viscosity
Viscosity range : 0.5 - 10,000cps (non-heated)

Researcher-proven
Many relevant patents and papers

Contact - SIJ@printedelectronics.co.uk

The **SIJ** (Super Ink Jet) platform is an advanced microdeposition system for the digital printing of ultra-precise micron-scale structures. **SIJ** technology allows printing with femtolitre drops that are 1/1000th of the size of conventional inkjet droplets. The **SIJ** system has been used to print a very wide range of functional materials