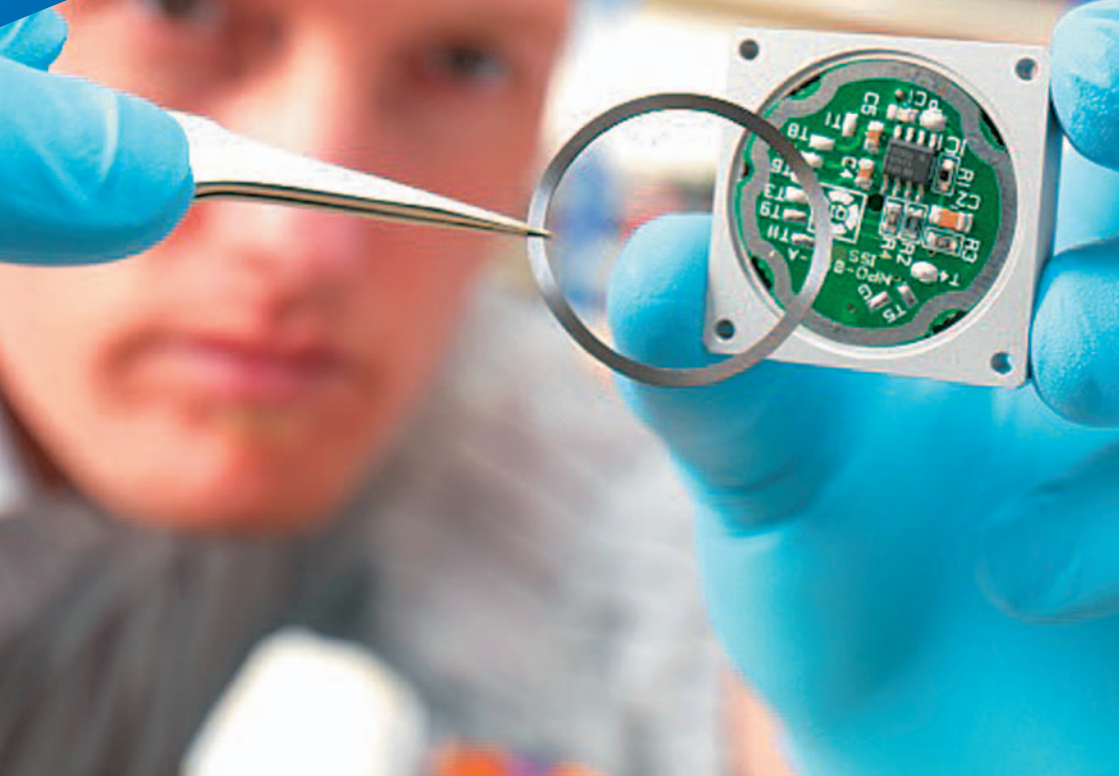


# Investing in innovation

An introduction to  
elektron plc ▶▶▶



# Providing innovative technical solutions

**Elektron is a broad based company designing customised engineering solutions for customers worldwide.**



Keith Daley Chairman

## **Welcome to Elektron.**

We are an innovative and technology based group, providing engineering based solutions to customers around the world.

Quoted on the AIM list of the London Stock Exchange, we have a sound financial base, which allows us to invest in the growth and development of our operations, and enhance the services that we offer to our customers in multi-billion dollar markets.

In the pages that follow, we introduce you to our two divisions, Elektron Technology and Elektron Ventures.

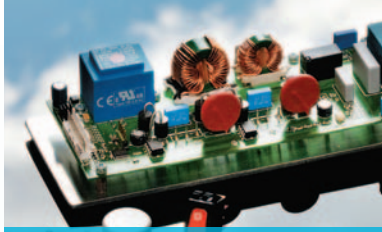
Elektron Technology provides robust power and data connectors and switching systems for world-renowned manufacturers of products and appliances.

In our Elektron Ventures division, we deliver leading-edge technology in instrumentation and other specialisms, serving niche markets on a worldwide basis.

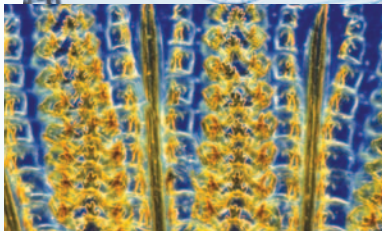
And we are growing all the time – leveraging our global presence for the benefit of new operations, and drawing benefit for our existing activities from the global footprint of the businesses that join our group.

We can deliver technology based solutions to satisfy all your requirements and look forward to working with you.

Delivering connectivity, **Bulgin's** wireless antennae enable remote monitoring of high voltage lines from the control room



**Arcolectric** supplies variable speed silent controllers for catering and industrial applications



**Agar Scientific** supplies consumables and instruments for use with electron microscopy

Spike Walker Microworld Services

- ▶ Harsh environment connectivity
- ▶ Appliance switches and indicator lights
- ▶ Specialist instrumentation
- ▶ Microscopy and nanopositioning
- ▶ Meters and control knobs
- ▶ Vehicle power management
- ▶ Medical devices
- ▶ Wear resistant technology

# Elektron Technology

**Elektron Technology designs and manufactures a range of world class components and customised technology platforms.**

**We deliver innovative engineered solutions for connectivity, environmental sealing, monitoring and control, and indication and illumination under the Arcoelectric, Bulgin, and Sifam brands.**

**Arcoelectric** specialises in the design and manufacture of appliance switches, indicator lights and fuseholders for every kind of product from computers to coffee machines and lighting to laser printers.

**Bulgin** develops solutions for the industrial sector, selling connectivity and sealed products for harsh environments.

**Sifam** designs and manufactures analogue meters and control knobs.



**Arcoelectric** switches and indicators are used in a variety of consumer and industrial applications



**Bulgin** bluetooth wireless replacement for remote monitoring and control



**Sifam** knobs, sliders and meters are used in the audio industry

## a wide range of expertise

**Elektron Technology's design capability spans electronics, software, firmware, hardware and electromechanical. We have an integrated design and manufacturing process managed by a highly experienced multi-disciplinary team.**



Solid state energy saving LED module for cabinet illumination from **Arcoelectric**



**Bulgin** connector on a Smart car



Environmental sealing: our connector solutions from **Bulgin**, both wired and wireless, are used in harsh environments, such as waterproof connectors for underwater applications.



# Elektron Ventures

**Elektron Ventures comprises a portfolio of businesses in niche markets. Specialisms include sophisticated instrumentation, wear-resistant technology, vehicle power management, microscopy and nanopositioning, and medical devices.**

**We have a broad range of specialist capabilities within our operations, some of which are illustrated on these pages.**

**Queensgate** provides nanopositioning and sensing solutions for high technology industries.

**Carnation** produces integrated electrical solutions and power management systems for specialist vehicles.

**Titman** is the UK's largest manufacturer of industrial and professional tungsten carbide router cutters. The Company has led the way in router bit development for over 20 years.



Capacitive sensor that can measure displacements smaller than a nanometer from **Queensgate**



Genisys, the fully programmable power management solution for specialist vehicles from **Carnation**



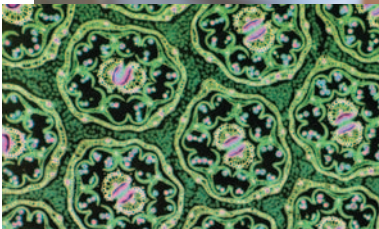
Premium cutting technology devices from **Titman**



**Qados** and **Carnation** supply sophisticated products for use in the healthcare market



Specialist ophthalmic instruments are supplied by the **Tinsley Ophthalmic** division of **Hartest Precision Instruments**



**Agar Scientific** supplies consumables and instruments for use with electron microscopy



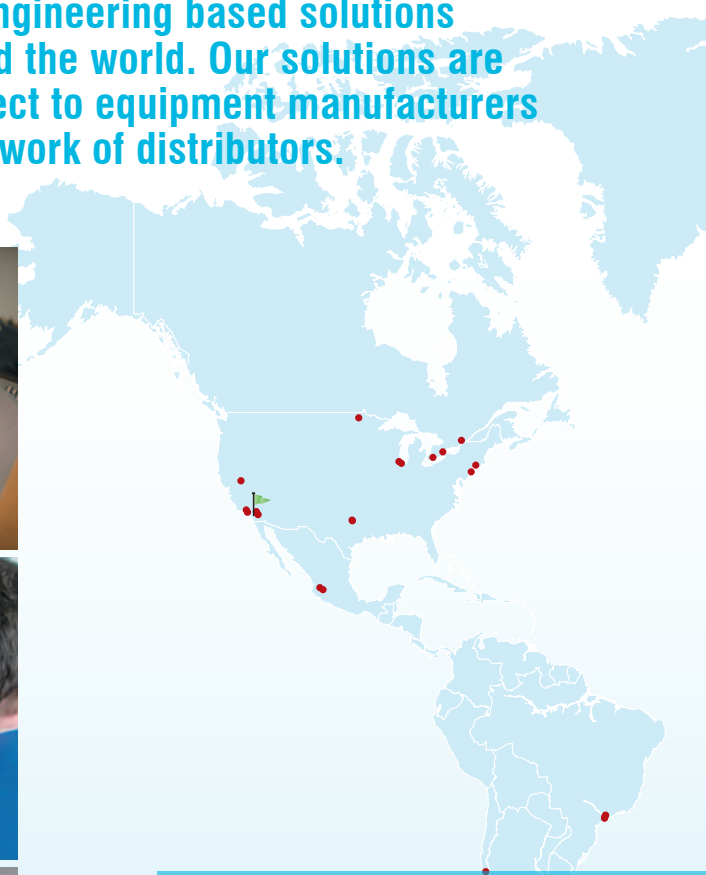
Temperature measurement instruments by **Digitron** have many applications in the food and catering industries



Tungsten carbide wear parts from **Total Carbide** are used in the oil and gas sector

# A global network

Elektron provides engineering based solutions to customers around the world. Our solutions are sold worldwide, direct to equipment manufacturers and through our network of distributors.



growing and developing

▶ **1,200 people globally**



## key locations

- ◊ Manufacturing sites
- Distributors
- ▶ Elektron location



▶ **Across 6  
continents**

▶ **A solid  
financial base**



# Our strategy for development

**We are making investments throughout  
our business operations.**



## **Sales and marketing**

- ▶ **Market analysis to ensure that we target our activities towards our customer needs**
- ▶ **More resources in large or rapidly expanding economies, notably Asia Pacific and USA**



## **Innovation**

- ▶ **A structured innovation management process to ensure careful focus of our development resource**
  - ▶ **Specialist design that meets our customers needs and delivers better margins**
- 



Our global footprint includes Elektron's operation in Shenzhen, China, which provides 8500 sqm of turnkey manufacturing space

## People

- ▶ **We value the contribution from our dedicated and hard-working teams throughout the world**
- ▶ **International management development programme, aimed at the recruitment and retention of high potential individuals**

## Resources for development

- ▶ **We have a sound financial base**
- ▶ **Strong profitability and cash flow provide the resource for further development**



Visit us online at [elektronplc.com](http://elektronplc.com)

# Elektron Ventures



[www.agarscientific.com](http://www.agarscientific.com)



[www.carnationdesigns.co.uk](http://www.carnationdesigns.co.uk)



[www.digitron.co.uk](http://www.digitron.co.uk)



[www.h-pi.co.uk](http://www.h-pi.co.uk)



[www.qados.co.uk](http://www.qados.co.uk)



[www.nanopositioning.com](http://www.nanopositioning.com)



[www.titman.co.uk](http://www.titman.co.uk)



[www.totalcarbide.com](http://www.totalcarbide.com)

# Elektron Technology



[www.arcoelectric.co.uk](http://www.arcoelectric.co.uk)



[www.bulgin.co.uk](http://www.bulgin.co.uk)



[www.sifam.com](http://www.sifam.com)

Elektron plc  
Melville Court, Spilsby Road  
Romford, Essex RM3 8SB  
United Kingdom  
T: +44 (0)1708 336300  
F: +44 (0)1708 347581  
E: [info@elektronplc.com](mailto:info@elektronplc.com)  
W: [www.elektronplc.com](http://www.elektronplc.com)

Registered company number: 448274