

Apply innovation

Renishaw applies innovation to provide solutions to your problems

Renishaw is an established world leader in metrology, providing high performance, cost-effective solutions for measurement and increased productivity. A worldwide network of subsidiary companies and distributors provides exceptional service and support for its customers.

Renishaw designs, develops and manufactures products which conform to ISO 9001 standards.

Renishaw provides innovative solutions using the following products:

- Probe systems for inspection on CMMs (co-ordinate measuring machines).
- Systems for job set-up, tool setting and inspection on machine tools.
- Scanning and digitising systems.
- Laser and automated ballbar systems for performance measurement and calibration of machines.
- Encoder systems for high accuracy position feedback.
- Spectroscopy systems for non-destructive material analysis in laboratory and process environments.
- Styli for inspection and tool setting probes.
- Customised solutions for your applications.

Renishaw worldwide

Australia

Renishaw Oceania Pty Ltd,
Melbourne
T +61 3 9553 8267
F +61 3 9592 6738
E australia@renishaw.com

Benelux

Renishaw International B.V., Breda
T +31 76 543 11 00
F +31 76 543 11 09
E benelux@renishaw.com

Brazil

Renishaw Latino Americana Ltda,
São Paulo
T +55 11 4195 2866
F +55 11 4195 1641
E brazil@renishaw.com

The Peoples' Republic of China

Renishaw Representative Office,
Beijing
T +86 10 6410 7993
F +86 10 6410 7992
E china@renishaw.com

Renishaw Representative Office,
Shanghai
T +86 21 6353 4897/5697
F +86 21 6353 4881
E china@renishaw.com

France

Renishaw S.A., Marne la Vallée
T +33 1 64 61 84 84
F +33 1 64 61 65 26
E france@renishaw.com

Germany

Renishaw GmbH, Pliezhausen
T +49 7127 9810
F +49 7127 88237
E germany@renishaw.com

Hong Kong

Renishaw (Hong Kong) Ltd,
Kowloon Bay
T +852 2753 0638
F +852 2756 8786
E hongkong@renishaw.com

India

Renishaw Metrology
Systems Pvt Ltd, Bangalore
T +91 80 5320 144
F +91 80 5320 140
E india@renishaw.com

Indonesia

Renishaw Representative Office,
Jakarta
T +62 21 428 70153
F +62 21 424 3934
E indonesia@renishaw.com

Italy

Renishaw S.p.A., Torino
T +39 011 966 10 52
F +39 011 966 40 83
E italy@renishaw.com

Japan

Renishaw K.K., Tokyo
T +81 3 5332 6021
F +81 3 5332 6025
E japan@renishaw.com

Singapore

Renishaw Representative Office
T +65 8975466
F +65 8975467
E singapore@renishaw.com

Slovenia

RLS merilna tehnika d.o.o.
Ljubljana
T +386 1 52 72 100
F +386 1 52 72 129
E mail@rls.si

South Korea

Renishaw Liaison Office, Seoul
T +82 2 565 6878
F +82 2 565 6879
E southkorea@renishaw.com

Spain

Renishaw Iberica S.A., Barcelona
T +34 93 478 21 31
F +34 93 478 16 08
E spain@renishaw.com

Switzerland

Renishaw A.G., Pfäffikon
T +41 55 410 66 66
F +41 55 410 66 69
E switzerland@renishaw.com

Taiwan

Renishaw Representative Office,
Taichung City
T +886 4 251 3665
F +886 4 251 3621
E taiwan@renishaw.com

UK (Head Office)

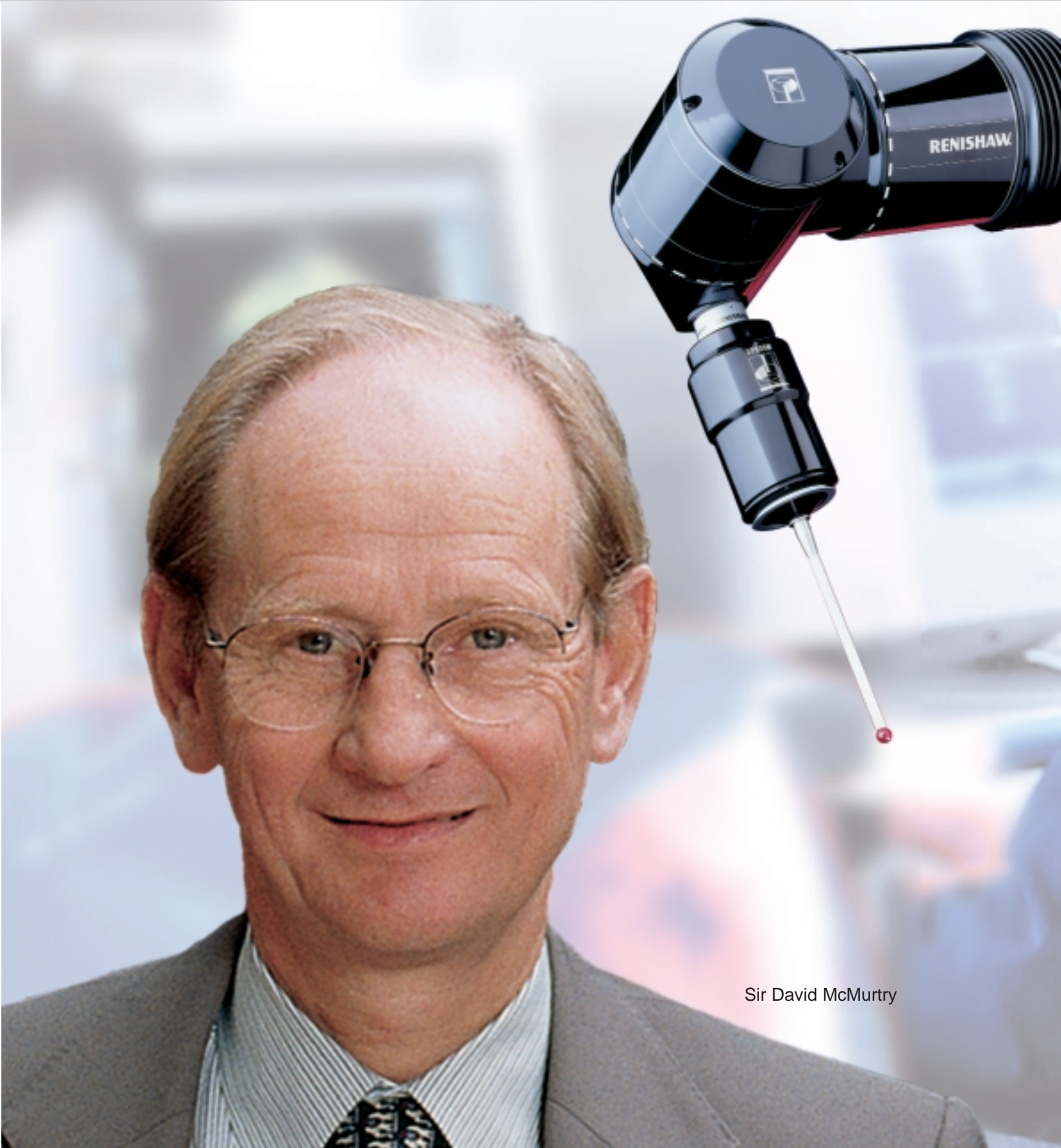
Renishaw plc, Gloucestershire
T +44 1453 524524
F +44 1453 524901
E uk@renishaw.com

USA

Renishaw Inc., Illinois
T +1 847 286 9953
F +1 847 286 9974
E usa@renishaw.com

For all other countries

T +44 1453 524524
F +44 1453 524901
E international@renishaw.com



Sir David McMurtry

Over the years, John Deer and I have tried to build a company that is different to most others. Different in how we apply technology to real world problems; in how we invest for the long term; in how we manufacture rather than outsource; in how we treat our customers as partners.

Breakthrough solutions are at the heart of our business strategy, which is captured by the phrase 'apply innovation'. It's what we've always done and it's what we can help you to do too. Please read on to find out how.

Sir David McMurtry
Chairman and Chief
Executive, Renishaw plc

John Deer
Deputy Chairman



Flexible, fast and accurate measurement of components dimensions



Process control where you need it on your machine tools



Easy to use tools to optimise machine performance



High speed data capture for reverse engineering



Precise position feedback for motion systems



Non-destructive characterisation of materials

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Have we changed your life yet?



Since you are reading this, we almost certainly have – although you may not know it!

But, if you think not, read on – you'll be surprised!

In 1972 David McMurtry invented a product that totally revolutionised the world of measurement: the first touch-trigger probe.

Ever since, Renishaw, the company he founded with John Deer, has continued to develop innovative new products to make industry more efficient, productive and profitable.

In all branches of manufacturing; in electronics, microelectronics, semiconductors,

data storage and computing; in motion systems; in research, medicine and even law enforcement, Renishaw products are changing the way you work – enabling you to improve the performance of your company.

So, relax!

It has never been easier to find innovative solutions to your manufacturing problems. Read on. See what Renishaw has to offer you.

- Visionary innovators who develop breakthrough solutions
- Comprehensive engineering and diligent design
- Cutting-edge manufacturing applying our own solutions
- Expert support and service



Question convention: **apply innovation**

Apply Renishaw’s innovative technology to enhance your operations and enable a secure, productive future for your business. Renishaw products will empower you to rethink the way you work, making your business more efficient, adaptable and responsive to changing market demands.

Progressive companies in many industries rely on Renishaw every day to help transform their activities and keep them at the forefront of technology.

New and better products are as much the lifeblood of our company as they are of yours. Our customers rely upon us to deliver high technology, breakthrough solutions that grow with their needs.

Renishaw invests heavily in research, development and engineering, the only way to ensure that we, and our customers, remain ahead of the game. Our future is bound up with our customers: we are committed to investing for the long term.

To deliver innovations, we have assembled a team of staff dedicated to the application of cutting edge science and engineering. Working in the fields of mechanical and electronics design, software, optics, laser, control and systems design, and material research, we are constantly seeking ways to apply the latest technologies to meet the needs of our customers.

... and manufacturing too

We understand the demands our customers face because we, too, are a manufacturer. We know that you need flexible, adaptable production processes if you are to deliver new and improved products in the short timescales your markets demand. Productivity and assured quality are also vital. We need these as much as any other manufacturer.



The award winning Renishaw Automated Milling Turning and Inspection Centre (RAMTIC) provides the flexible, automated platform we need to produce our range of high precision components. RAMTIC machines, adapted from standard vertical machining centres, feature patented automation and process control techniques. Each delivering over 130 value-added hours each week and using in-process probing to hold tight tolerances with no off-line gauging, RAMTIC exemplifies Renishaw’s manufacturing expertise.

Landmark Renishaw innovations

- The original touch-trigger probe revolutionises inspection on co-ordinate measuring machines (CMMs)
- Probes enable automated process control on machine tools
- Motorised indexing heads enable flexible, programmable CMM inspection
- A compact laser calibration system enhances machine performance
- Open optical encoders and revolutionary flexible scale provide precision feedback and feature easy set-up
- Ballbar system allows rapid diagnosis of machine tool performance
- Digitising systems empower rapid part replication and reverse engineering
- Raman spectroscopy systems allow non-destructive characterisation of materials
- Strain gauge probing yields superior accuracy and longevity
- Integrated machine and probe control for CMMs enables high-speed scanning and easy product integration



Your success is our future

Your success is of paramount importance to us. We believe that by adopting our cutting-edge technology you are adapting your business to face the challenges of the global market. You are giving your business a competitive edge.

By selecting Renishaw you are making the right choice for the future of your business.

- Expert staff to support you around the world
- Responsive service to keep your business running
- Future-proof solutions that grow with your business

Your success is our future

At Renishaw we go that extra mile to solve your problems. Our custom design service is at your disposal to ensure that you get a solution tailored to your particular needs. By adapting our wide range of standard products to suit your application, we ensure that you benefit from our experience, whatever your requirements.

If you need a solution that's not in our catalogue, just ask!

Our long-term commitment to you

Helping you to find the right solution

At Renishaw we are committed to help you reap the rewards of that decision. Together we will select and configure the optimum solution for your application, applying our engineering expertise to your business situation. We will ensure that you realise the benefits that you seek.

When you choose Renishaw you know that you are joining progressive thinkers at the forefront of your industry.

Giving you responsive service and support

Our customers demand total quality, friendly support and instant service. We provide it.

After all, we know how vital our products will be to your business - we rely on them in our own manufacturing operations.

With Renishaw you are selecting the best service and support in the business. Our whole approach is based around a single goal - to keep your business running. Whether you need expert application advice or an instant replacement for a damaged product, our local staff are ready to respond.

Investing in your future

You can't afford to stand still: neither can we. As one of our customers, you will have the security of knowing that we are investing in your future.

You can rely on future innovations from Renishaw that will continue to take your business forward.

