

Spectris is a leading supplier of precision instrumentation and controls. Our products help customers to improve product quality and performance, increase productivity and yield and reduce downtime.

Our technologies

Spectris enhances productivity for customers through precision instrumentation and controls. We have a wide range of core technologies, many of which are proprietary, based on standard platforms. Working closely with customers, we apply our expertise and technology in the following areas:

In situ measurement Measurement of thickness, moisture, consistency, diameter, composition and weight. Applications include pulp, paper and film, wire, cable and pipe, food.

Particle characterisation Instrumentation for accurate characterisation of particles, fibre and material properties. Applications include pharmaceutical research, pulp and paper, paints, polymers and cement.

Contamination detection Monitoring instrumentation to detect micro-contamination in cleanrooms. Applications in semiconductor, electronics and pharmaceuticals manufacturing. Equipment to detect contaminants such as bone, metal or glass in fresh or processed food.

X-ray analysis Analytical instrumentation and software for determining the chemical composition and crystallographic structure of a range of materials. Applications include research and development in biotechnology, nanotechnology, pharmaceuticals, metals and minerals, and industrial process control.

UV curing Systems for curing photo-sensitive inks, coatings and adhesives. Applications include printing and packaging, CD and DVD production, electronics, and automotive industries.

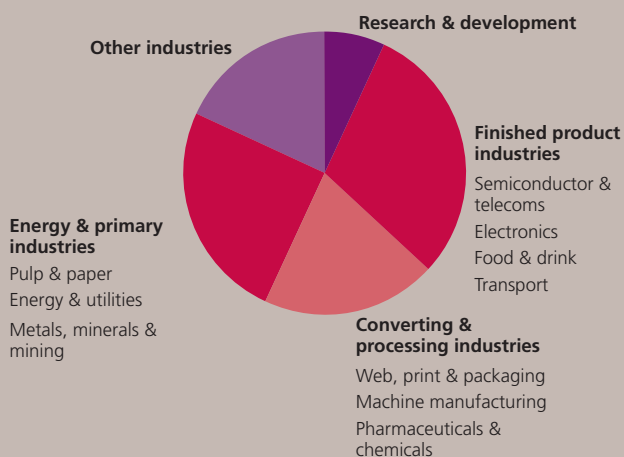
Sound & vibration analysis and monitoring Instrumentation and software to measure, monitor and analyse noise and vibration. Applications include automotive, aerospace, telecommunications, household appliances, environmental noise, hydroelectric and wind turbine monitoring.

Electronic control Scanners, counters, meters, displays, load cells and digital measurement systems. Applications in process measurement and control, product tracking and quality control.

Our customers

Our businesses are all leaders in their specialised markets and work with multinational blue-chip customers in a wide range of industries. The chart below shows the breakdown of our 2005 sales by end user industry.

2005 sales by end user industry



Our companies

The way we are organised offers the best structure to deliver against our strategy. Our businesses are all well-known and respected brands in the markets they serve. They operate autonomously within a framework of group management and control.

Electronic controls

Arcom Embedded processors, telemetry products and industrial controls.

HBM Digital measurement systems, load cells and transducers.

Microscan High speed industrial barcode scanning and decoding equipment.

Red Lion Controls Operator interfaces, signal conditioners, temperature controllers, counters, rate indicators and panel meters.

In-line instrumentation

Beta LaserMike Non-contact, laser-based dimensional gauging and ultrasonic measurement systems.

Brüel & Kjær Vibro Machine condition monitoring systems and maintenance services.

BTG Group Sensors, instrumentation, coating and creping technology for the pulp and paper industry.

Ircan Infrared non-contact temperature measuring and thermal imaging instruments.

Spectrum Inspection Systems Contamination detectors and checkweighers.

NDC Infrared Engineering Isotopic and infrared sensors for in-line measurement and control of moisture, composition and web variables.

Servomex Transducers, analysers and systems for gas analysis.

Process technology

Brüel & Kjær Sound & Vibration Transducers, sound level meters and analysers for sound and vibration measurement.

Fusion UV Systems Ultraviolet light processing technology for curing photo-sensitive inks, coatings, and adhesives.

Malvern Instruments Instrumentation for the accurate characterisation of particle and material properties.

PANalytical X-ray analytical equipment for industrial and scientific applications.

Particle Measuring Systems Micro-contamination monitoring systems for ultraclean environments and manufacturing processes.

Our locations

Our companies have offices around the world, helping customers to meet global challenges wherever they are based. We have increased our presence in the rapidly growing markets of China, Eastern Europe, Latin America and India in order to work more closely with our customers.

2005 sales by destination

