





JAQUET TECHNOLOGY GROUP – IN CHARGE OF SPEED

JAQUET is a global engineering company headquartered in Basel, Switzerland and with subsidiaries in Belgium, China, Germany, the Netherlands, the UK and the US. Rotational speed is our core business: detection, monitoring, control, protection and diagnosis. JAQUET's vast product offering and constant focus on product and technology development – independently or in joint development projects with our customers – ensure the most advanced and optimized solutions.

From ocean floors to mountain tops – and in the skies as well – you will find JAQUET products reliably optimizing performance and protecting valuable assets.

Whether you need one or a million, our mission is to provide an innovative solution today.

COME RAIN OR SHINE

JAQUET solutions are designed and made for a multitude of demanding applications and ambient conditions.

• Temperature extremes

 $\boldsymbol{\cdot}$ Shock and vibration

• Hazardous areas

- · Electrical interference
- Humidity and immersion



AUTOMOTIVE

JAQUET's advanced technology contributes to state-of-the-art vehicle design, delivering performance, efficiency and environmental benefits.

- Turbo speed sensors for trucks and passenger cars
- · Diesel engine monitoring system. Real-time onboard performance
- measurement & diagnostics. Cylinder by cylinder. Cycle by Cycle.
- \cdot Cam and crank shaft sensors
- \cdot Gearbox sensors



TURBINES & COMPRESSORS

Reliable, proven and certified solutions for speed measurement, control and protection. Maximum safety without compromising availability.

Speed measurement
Single and dual channel tachometers
Multichannel overspeed protection systems

RAILWAYS

JAQUET leads the field in innovative speed solutions for railway applications. JAQUET's modular sensor design program makes it easy for you to obtain innovative and robust speed sensors.

Modular single or multichannel speed sensor designs for: • Brake control (WSP/ABS)

- \cdot Propulsion and signaling systems
- $\boldsymbol{\cdot}$ Door interlock and black box information
- · Engine cam, crank & turbochargers

On-board diagnostic system for existing or new engines. Detecting cylinder faults at an early stage, avoiding excess fuel consumption and enabling maintenance based on data and events rather than blind schedules.





HYDRAULICS

The future is electronic. JAQUET sensors provide the interface between the tough environmental hydraulic world and the requirements of controllers and protection systems.

· Speed measurement · Overspeed protection systems Position measurement Filtered speed signal

DIESEL & GAS ENGINES

TTALIBURG DESIGNATION OF

JAQUET's expertise in designing, packaging, sealing, protecting, qualifying, certifying and producing in volumes of one to hundreds of thousands contributes to the efficiency and durability of the engines – and protects the engines as well as the environment.

Engine cam, crank & turbocharger speed sensors
Start control, regulation and protection modules and tachometers
Cylinder specific real-time, on-board diagnostics and performance measurement

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AEROSPACE INDUSTRIES

Where only the highest quality and reliability will do, JAQUET is a partner of first choice.

- \cdot Turbine speed sensors
- · Application specific technology development programs

INDUSTRIAL MACHINERY

JAQUET's economic line of standard GreenLine sensors and tachometers is specially designed to fulfill the various requirements of general industrial applications - offered in various housings for every day applications. JAQUET's tachometer line offers 16 different models to choose from, you'll never be without a tachometer to exceed your expectations.

Speed measurement
 Speed indication and monitoring

• Overspeed protection



COMPLETE MEASUREMENT CHAIN

A complete measurement chain from JAQUET, consisting of an appropriate rotating target, speed sensor, line amplifier, analog or digital tachometer with control signal and/or alarm relays, ensures component compatibility and ultimate functionality.

INNOVATIONS AND NEW TECHNOLOGIES

Constant innovation is the lifeblood of technology companies – but at JAQUET it is more than that. It is a passion. JAQUET's constant development of new technologies and products – independently or in joint development with our customers – is an extremely interesting and motivating part of the business to JAQUET. It's never too early to get us involved in your development project.

JAQUET is developing application and product related solutions such as:

Sensors to aid emissions control
Position sensing
Next generation speed sensors

Manuana Colling Party INTELLIGENT SOLUTIONS & REDUCTION OF TOTAL COSTS

Over 3'ooo documented solutions plus a catalog of standard products demonstrate our commitment to meeting customer's needs. Our modular approach allows proven component platforms to be married together to form cost-effective products that exceed expectations.

QUALITY STANDARDS & GLOBAL SUPPORT COMMUNITY

Qualified – certified – fit for purpose. These are the mottos by which we live. With ever-increasing operational, technical, environmental and economic demands we work in close cooperation with our customers. JAQUET is your partner from the concept through developmental stages to production and for continuous product improvements in the field. The qualified processes, individual account management for our OEM customers and worldwide sales and support network ensure smooth and efficient service.

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Quality management systems

- ISO 9001

- ISO / TS 16949 (automotive QM certification)
- EN 9100 (aerospace QM certification completed by the end of 2008)



ENVIRONMENTAL AWARENESS

JAQUET's enabling technology and all our products improve and optimize the efficiency and level of protection of machines and engines. Our key mission is to protect the environment and to contribute to the sustainable development of our customers' products.

JAQUET TECHNOLOGY GROUP WORLDWIDE

JAQUET AG - Headquarters Thannerstrasse 15 4009 Basel Switzerland TEL +41 61 306 88 22 FAX +41 61 306 88 18 info@jaquet.com www.jaquet.com

JAQUET LTD - China

Jinsui Mansion, Room 24Q, 379 Pudong Road (S), Shanghai 200120 P.R.China TEL +86 21 588 710 07 FAX +86 21 588 711 17 salesasia@jaquet.com

JAQUET - Germany

Sedanstrasse 3 44532 Lünen Germany TEL +49 23 064 29 79 FAX: +49 23 064 22 77 info@jaquet.com

JAQUET North America, Inc.

1601 East Bay Drive, Suite 3 Largo, Florida 33771 U.S.A. TEL: +1 800 655 14 24 FAX: +1 800 663 87 06 salesna@jaquet.com JAQUET – UK P. O. Box 73 RG6 5UJ Reading Great Britain TEL +44 11 897 565 31 FAX +44 11 893 137 51 uksales@jaquet.com

ISTEC International BV Zendelstraat 6 3680 Opoeteren (Maaseik) Belgium TEL: +32 89 303 204 FAX: +32 89 303 205 mail@istec.nl www.istec.be

ISTEC International BV Meer en Duin 8 / Postbus 155 2160 HA Lisse The Netherlands TEL: +31 25 243 34 00 FAX: +31 25 241 72 54 mail@istec.nl www.istec.nl

