

# CORRSYS-DATRON



## PROFILE

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**CORRSYS**  
**DATRON**

Sensorsysteme GmbH  
A Kistler Group Company



# CORRSYS-DATRON



**CORRSYS-DATRON** is a Kistler Group Company. It supports vehicle development technicians and engineers wherever new vehicles are designed and automotive components are tested.

Advanced electronic assistance systems, such as ABS, ESP and ESR, increasingly enable vehicle control to make vehicles safer for all of us. But with every new system, the test process becomes increasingly complex.

**CORRSYS-DATRON** helps testing engineers to successfully meet this challenge.

In addition to its well-known line of **CORREVIT**<sup>®</sup> optical speed sensors, **CORRSYS-DATRON** offers microwave and GPS based speed and position sensors, fuel flow meters, sensors for measurement of wheel and suspension dynamics, steering wheel sensors, and much more. This complete portfolio of testing solutions is augmented by a variety of selected standard sensors such as pressure, temperature and acceleration sensors, data acquisition systems, and software for analyzing and visualizing of measured data.

# HEADQUARTERS



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# REPRESENTATIVES



**More than 30 representatives all over the world,** competently support the technicians and engineers who rely on the worlds most accurate testing instrumentation. Continuous contact between local partners and the experts at the CORRSYS-DATRON Headquarters ensures the exchange of information and ideas, and stimulates further user-oriented development.

**Argentina**

**Australia**

**Brazil**

**Czech Republic**

**Finnland**

**France**

**Germany**

**Great Britain**

**India**

**Indonesia**

**Iran**

**Israel**

**Italy**

**Japan**

**Korea**

**Malaysia**

**Mexiko**

**Norway**

**Poland**

**Romania**

**Russia**

**Singapore**

**South Africa**

**Spain**

**Sweden**

**Switzerland**

**Taiwan**

**Thailand**

**Turkey**

**Vietnam**

In 1982, when the world's first optical speed and distance sensor was introduced, few could have predicted the impact that this breakthrough technology would have on the discipline of vehicle testing. Over the course of more than two decades, the **CORREVIT®** Sensor has become the standard for accuracy in the measurement of vehicle dynamics. CORRSYS-DATRON supplies high quality vehicle dynamics testing solutions to the automotive industry around the world.

Our mission is to continuously advance the state of the art in vehicle dynamics testing and measurement with our full range of measurement solutions. At CORRSYS-DATRON, we place a special focus on providing turnkey application solutions to our customers testing needs. Today's automotive environment rigorously demands a synergy of vehicle safety, performance and economy. The industry must respond to these standards by placing a stronger focus on the research and development process of the vehicle. Automotive manufacturers use a proving ground environment in which vehicle technology is incubated. The refinements realized ultimately become the advancements that make vehicles safer and more reliable. Mounting pressure from governmental organizations make it all the more necessary for vehicle control systems such as anti lock braking and electronic stability control to be implemented and effectively measured.

**CORREVIT®** optical speed/slip angle sensors are used in the development and validation of these systems. Through vehicle dynamics testing, automotive manufacturers are able to prove new technologies while in the validation process of the vehicle.

With our full range of vehicle dynamics testing and measurement instrumentation, the vision has never been so clear as to supporting our customer's application needs with high accuracy and easy to use testing equipment.

CORRSYS-DATRON is a member of the Kistler Group since April 30, 2009.

# OUR PERFORMANCE

- **Non-Contact Sensors**

- Optical
- Microwave
- GPS

- **Innovative Mechanical Sensors**

- **Fuel Flow Meters**

- Gasoline
- Diesel
- Alcohol
- Bio-Diesel

- **“Onboard” Data Acquisition Systems**

- **Software**

- **Accessories**

- Brake switches and light barriers
- Distribution and trigger boxes
- Monitors and displays
- Mounting equipment
- Simulators

- **Calibration**

Regular calibration of high-precision measurement devices is essential to measurement accuracy and repeatability. CORRSYS-DATRON offers authorized calibration services for every product we sell.

- **Repair**

In the event that any CORRSYS-DATRON product should require service, maintenance, repair or upgrade, you can rely on our expert technical staff to provide timely and effective solutions. With a worldwide network of service professionals CORRSYS-DATRON brings fast, satisfactory resolution to your technical needs.

- **Training**

Comprehensive training is available for any of the outstanding products we offer. Available on-site at your facility or at the CORRSYS-DATRON location nearest you, authorized training programs can help you and/or your employees maximize the immense potential of our cutting-edge sensors and data acquisition systems.