

YOUR PARTNER FOR METERING AND
MIXING TECHNOLOGY

ELECTRONIC AND LIGHTING



WHO WE ARE – AND WHAT WE STAND FOR

Joined materials – metals, glass, plastics and composites – is omnipresent in our world, countless products are manufactured from them. Bonding technologies have become more and more replaced traditional joining processes during recent decades, and Reinhardt-Technik is recognized as a pioneer of this trend.

What started in 1962 with a team of ambitious engineers has grown over half a century to a leading global supplier of metering and mixing systems with a proven record of innovative solutions on the market.

Our well received core competences are the processing of liquid performance materials for applications of adhesives and sealants, dispensing technology and surface treatment – combined with full systems integration and process control.

As a technology leader of adhesive and sealant processing we belong to J. Wagner GmbH since 2012.

Wagner is a leading manufacturer of surface technologies with more than 1,400 employees worldwide and headquarters in Markdorf near Lake Constance.

- > **Customer orientation**
- > **Partnership**
- > **Innovative products**
- > **Individual solutions**
- > **Automation**
- > **Reliable applications**
- > **Global service**

ELECTRONIC AND LIGHTING

Electronics is not always visible to us, but accompanies us unseen in our daily life and does it work in countless products.

Some products must be protected against environmental influences such as moisture, dust as well as other influences or are just sensitive in their general functionality. Especially electronics in medical devices are subject to extreme requirements in terms of quality and reliability – disturbances or even failures are not acceptable at all.

In order to ensure a reliable functionality of such electronic products, the electronic components need to be protected by potting or encapsulating against external influences.

Potting or casting is the preferred method to encapsulate electrical components like wound spools, sensors, connectors, PCBs, LEDs and many more.

Casting resins like silicones, polyurethanes or epoxies are precisely metered into a component to either fill the housing completely or applied onto surface

The cured material protect the electronic components from moisture, dust, dirt as well as shocks. Depending on the formulation, casting materials are also used to improve the electrical properties – like e.g. conductivity or heat dissipation.

Adhesives and sealants need to be very accurately processed and precisely applied in order to ensure an optimum bond and sealing.

Constantly increasing demands for higher productivity and quality require reliable processing equipment and an appropriate quality control.

Reinhardt-Technik is therefore your preferred supplier of adhesive and sealant processing equipment in the automotive industry.

We offer a wide range of products to process liquid materials in different applications taking the manufacturing environment and local requirements into account.

From simple manual applications to complete solutions with fully automated robot cells with integrated process control – complemented by outstanding service and spare parts availability.

Reinhardt-Technik is also a partner of major adhesive manufacturers, helping to optimize processes and find new solutions for the market – for the benefit of our customers.

Learn more about manufacturing applications and get convinced about our products and system solutions – Made in Germany.



KEY APPLICATIONS



LED-LIGHTING • OUTDOOR CAMERA • ELECTRIC TOOTHBRUSH • POWER TOOLS • WA
CARDIAC PACEMAKER • PRESSURE SENSORS • RELAYS • TRANSFORMERS • E-MOTORS •
USB STORAGE DEVICES • ELECTRICAL CONNECTOR • CONTROL BOARDS • INFRARED SENS
LIQUID LEVEL SENSORS • OUTDOOR ELECTRONICS • HUMIDITY SENSORS • E-INSTRUMENTAL
CAPACITORS • POTENTIOMETER • MOTORCYCLE BOARD ELECTRONICSMOBILE DATA LOG
ENCODERS • LED FLOOR LIGHTING • TEMPERATURE TRANSMITTERS • JUNCTION BOXES • IGNITION
OUTDOOR LIGHTING • UNDERWATER SCOOTERS • DIVE COMPUTERS • KITCHEN APPLIANCES •
DEFIBRILLATORS • MEDICAL ENDOSCOPES • AUTOMOTIVE ELECTRONICS AND SENSORS • SWIT
HARNESSES • AUTOMOTIVE CAMERAS • MOTOR IGNITION DEVICES • DIODES • COILS • FLASHLI

Conti Flow Robot

Configurable gear metering system



Conti Flow Vario

Precision gear metering system



ContiPro

Progressive cavity metering system





WATERPROOF SHAVER • SURGERY INSTRUMENTS
POWER MODULES • PRINTED CIRCUIT BOARDS
DOORS FOR BASIN TAPS • TEMPERATURE SENSORS
PICK-UPS • AMPLIFIER OVERLOAD PROTECTORS
TRIGGERS AND DEVICES • MACHINES JOYSTICKS
IN COILS • RECTIFIER • BOOT COCKPIT ELECTRONICS
UNDERWATER LIGHTS • UNDERWATER CAMERAS
SWITCHES • MICROCONTROLLER • SPARK PLUG CABLE
LIGHTS • BATTERY BLOCKS • DOOR ACCESS READER

Electronic and lighting products often require additional bonding or sealing applications, e.g. housing seals or gaskets.

Reinhardt-Technik offers the complete portfolio for potting, casting, bonding and sealing applications.

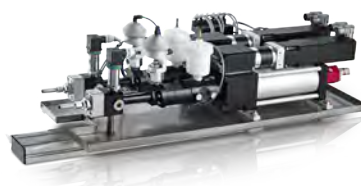
eMotionMix

Configurable dynamic mixing system



Vecdos eTwin

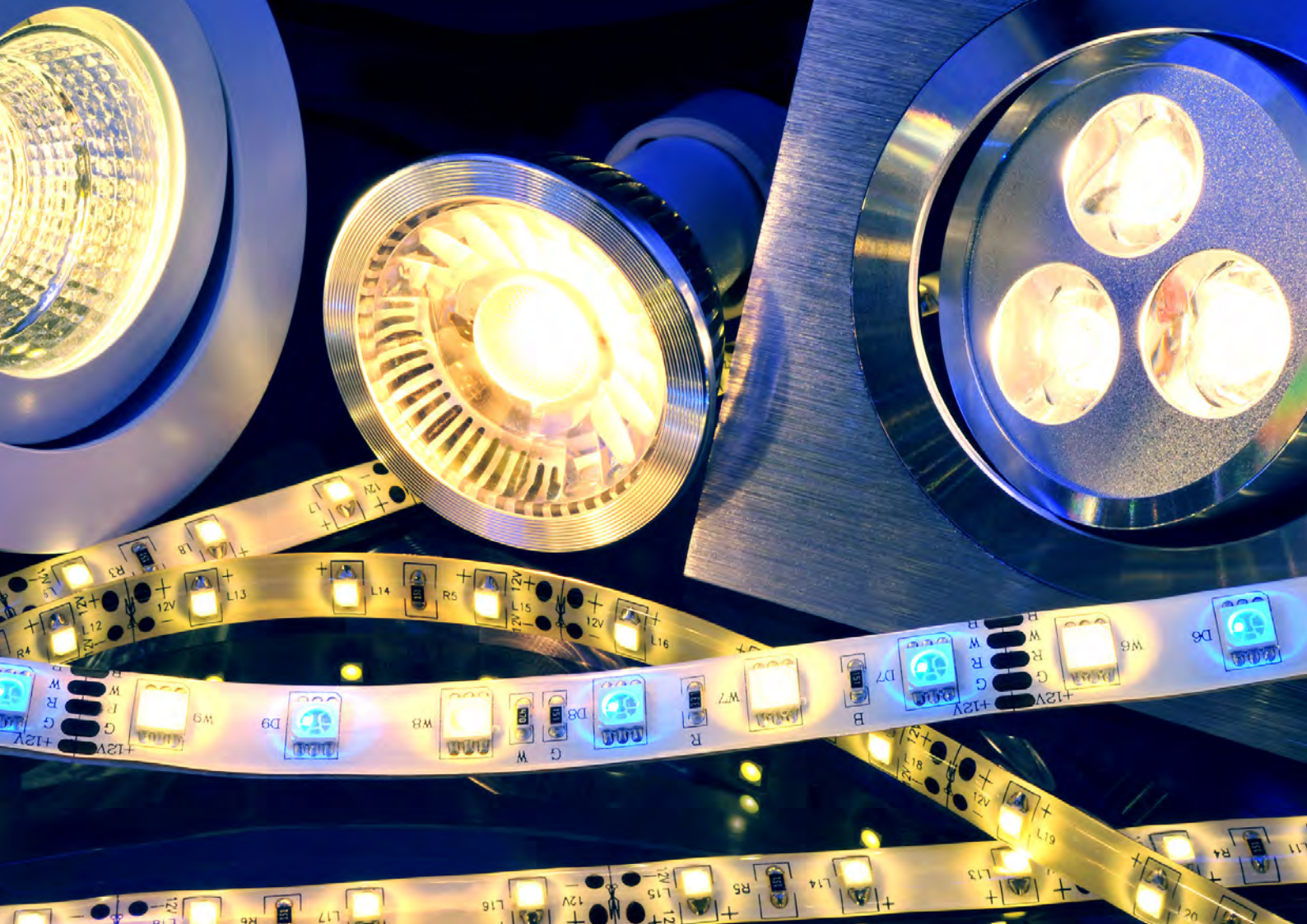
Precision shot meter system



eZbotic

Standardized robot cell





BENEFITS

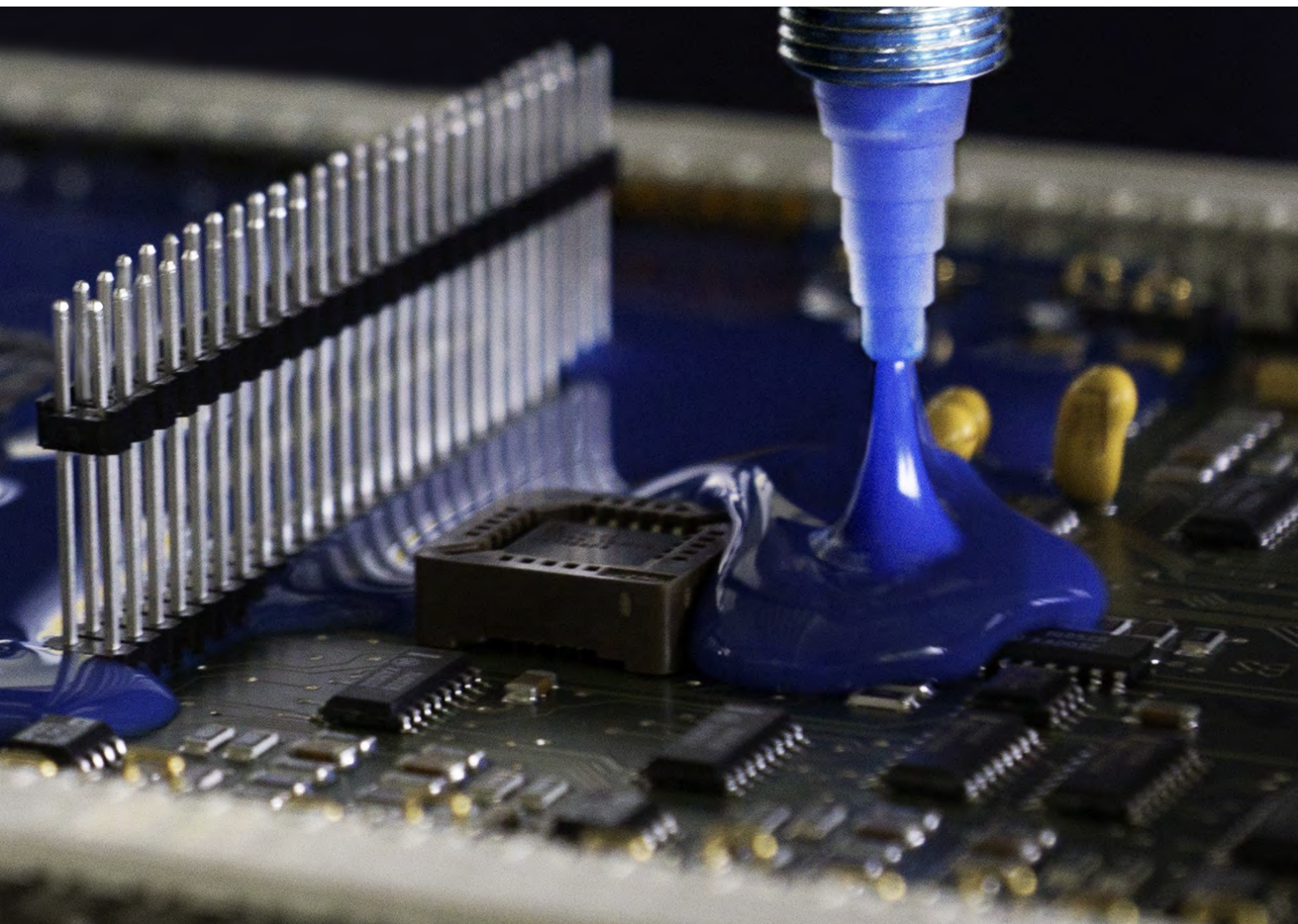
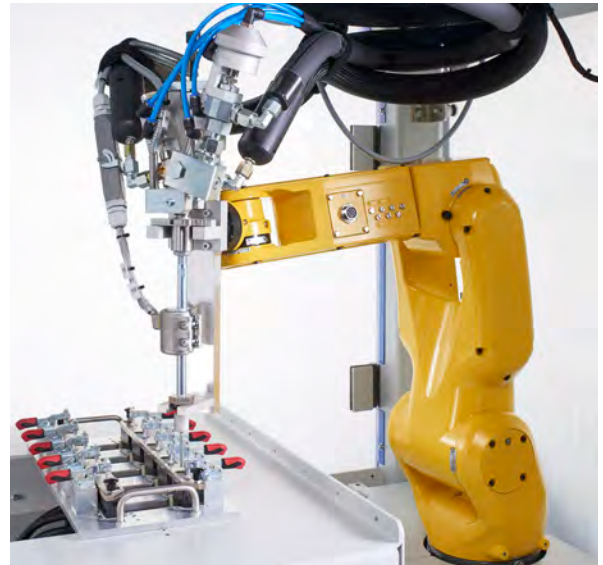
- Innovative solutions help to save material, increase productivity and enhance sustainability.
- Robust 1K and 2K processing system for reliable operation in demanding production environments.
- Easy handling due to operator friendly and ergonomic design
- Optimized design and functionalities based on close cooperation with material manufactures.
- Standardized product portfolio provides on the spot service and spare parts availability.

AUTOMATION

The challenges of our customers continuously drive our ongoing innovations and technology developments.

New applications call for new ideas.

Beside our standard product lines we provide customized solutions for various bonding and sealing applications – from product adoptions up to fully integrated robot assembly cells.





YOUR GLOBAL PARTNER IN **AUTOMOTIVE MANUFACTURING**

- Processing and application of single and multi component adhesive and sealants
- Ambient or temperature conditioned equipment
- Complete systems for manual or fully automatic processes
- Innovative process control and verification