



Our products

Temperature | Pressure | Flow

Sika

Why SIKA?

Because values matter and our hearts have been beating for our products for 125 years.

QUALITY Founded in 1901, we are a company with tradition. 80 years ago we invented the industrial thermometer. And we are incredibly proud of it. Today, we develop and manufacture a wide range of products for measuring and calibration instruments, with 380 employees worldwide and at our headquarters in Kaufungen.

EXPERTISE From industrial thermometers to temperature calibrators to flow sensors – we always have the right product for your needs! And because quality is important to us, we have always produced high-quality and durable products at our site in Central Germany. Our products epitomise “Made in Germany” quality.

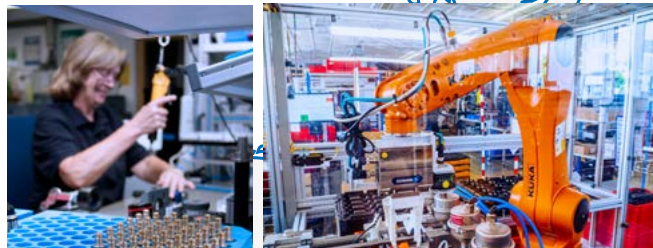
Considerable dedication for the best quality: Our large range of in-house test benches means that we can recreate a variety of installation situations, test for service life and simulate extreme stress from temperature shocks or high vibrations. This is how we ensure a long service life and perfect measurement quality.

CUSTOMER SERVICE No matter where you are, SIKA is always there when you need us, with 11 offices and 138 sales partners worldwide. As your preferred contact partner for measurement technology solutions, we want you to benefit from our expertise, our market knowledge and our advice. Our aim is to exceed your requirements and contribute to your company’s success.

Based in Germany

WHERE WE LIVE AND WORK

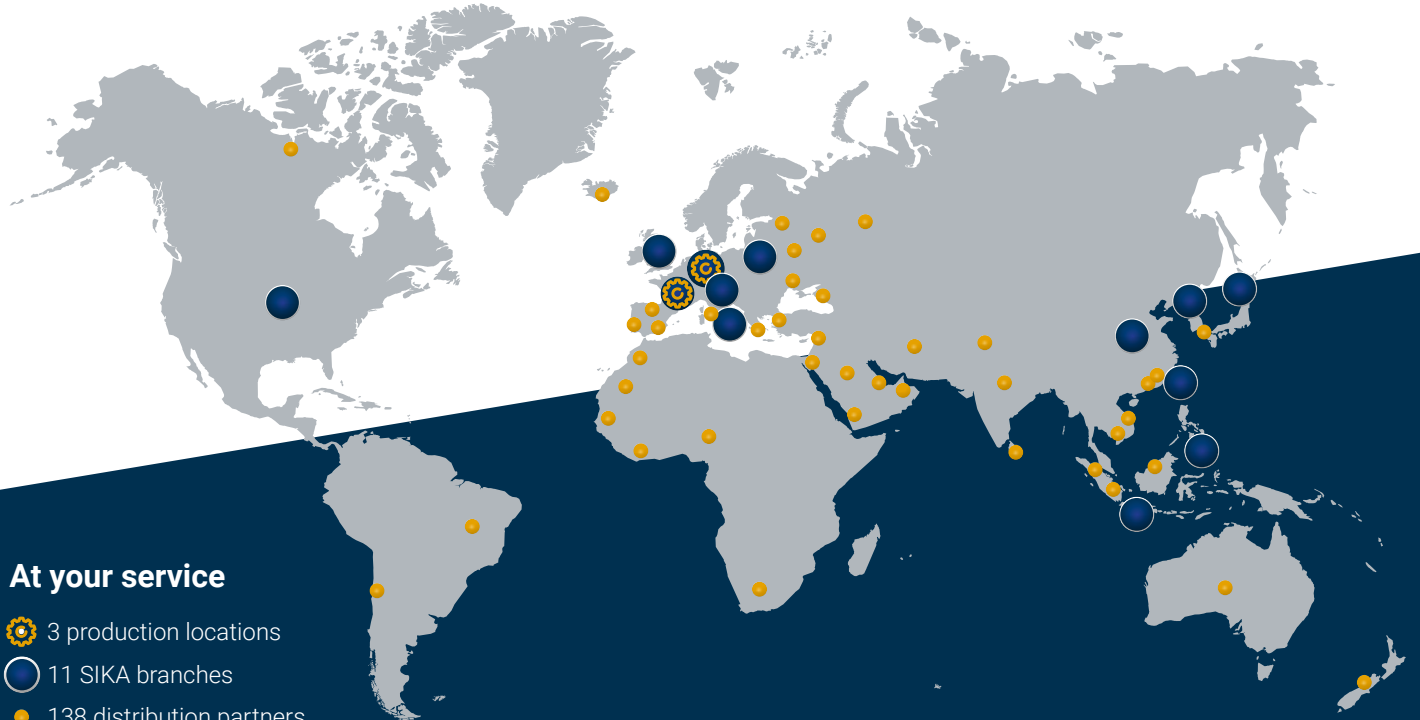
Production



Test benches and endurance tests



Quality assurance



At your service

- 3 production locations
- 11 SIKA branches
- 138 distribution partners
- 67 % export

Just a click away

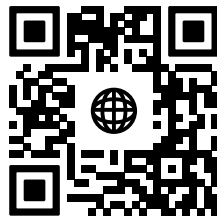
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Do you have questions or would you like to be advised?



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Our products

Temperature & pressure

Industrial thermometers | Dial thermometers | KombiTemp | Digital thermometers
Temperature sensors | Room condition monitoring | Pressure gauges

Flow rate & level

Flow switches | Vortex flow sensors | Magnetic inductive flow sensors
Turbine flow sensors | Positive displacement flow sensors | Oval gear flow meter
Calorimetric flow monitors | Level switches

Test- & calibration instruments

Temperature calibrators | Test pumps | Digital pressure gauges
Process calibrators | Hand-held instruments



Temperature & pressure

Digital and analogue thermometers and electrical temperature sensors for heating, air conditioning, ventilation and industrial and marine applications



Industrial thermometers

- Display ranges from -60 to 40 °C and from 0 to 250 °C
- Housing sizes: 200, 150, 110 mm
- Two standard versions: straight and 90° angle
- Custom designs available upon request



KombiTemp®

- Measuring ranges from -30 to 650 °C
- Combination of electrical sensor and local display
- High measurement accuracy thanks to the two independent measuring points
- Easy-to-read measured value display that is always up to date
- DNV approval



Dial thermometers

- Display ranges from -40 to 40 °C and from 50 to 650 °C
- Nominal sizes: 63 to 160 mm
- Gas-filled or bimetallic version



Industrial pressure measuring instruments

- 0 to 2.5 mbar to 0 to 1000 bar
- Nominal sizes: 63 to 250 mm
- Pressure measurement for liquid and gaseous media



Temperature sensors

- Temperature ranges: -50 to 850 °C
- Vibration resistant and short response times
- Marine EU RO type approval
- Tested in accordance with railway standards DIN EN 61373 and DIN EN 50155
- Custom designs available upon request



Digital thermometers

- Display ranges: -40 to 650 °C
- Precise and sturdy
- Powered by solar power or lithium battery
- Integrated transducer
- Marine EU RO type approval



Room condition monitoring

- Multisensor system
- Simultaneous measuring of humidity, temperature and pressure
- Integrated three-channel transducer
- Graphic trend display of all parameters
- Marine EU RO type approval



Protection tubes for thermometers

- For thermometers and sensors, with male thread or union nut for screwing/welding in
- Wide range of materials
- Accessories: neck tube, screw plug, double threaded nipple

Flow rate & level

Flow sensors and flow switches for measuring water and oils in industrial, heating water and potable water applications.



Turbine flow sensors

- For water and other low-viscosity fluids
- Plastic, brass, stainless steel, DN 10 to DN 300
- Push-in modules for installation in blocks/fittings
- OEM versions



Vortex flow sensors

- Fully encapsulated piezoceramic sensor for vortex measurements
- Nominal diameters: DN 15, DN 20, DN 25, DN 32 and DN 40
- Integrated temperature sensor
- Threaded process connector or QuickFasten connector for tool-free assembly



Magnetic inductive flow sensors

- Plastic devices in sizes DN 3 to DN 25 for series applications
- Metal devices in sizes DN 2 to DN 20 for machines and plants
- Flange devices in sizes DN 15 to DN 200



Flow switches

- Inline versions in sizes DN 8 to DN 50 or insertion-installation versions up to DN 200
- Magnetic force instead of spring, long-term switching point stability
- OEM versions



Positive displacement flow sensors

- For oils and other viscous fluids
- High resolution, outstanding accuracy from 0.008 l/min
- Ductile cast iron, stainless steel and aluminium versions



Oval gear flow sensors

- Displacement flow meter with direct volume measurement
- No inlet or outlet sections required
- High long-term stability
- Low pressure drop



Calorimetric flow monitors

- Insertion installation in pipelines with DN 15 to DN 150
- No moving parts
- Switching point can be adjusted via the potentiometer
- Compact or split configurations



Level switches

- Lateral installation
- For water, oil and other media
- Max. media temperature up to 110 °C
- Plastic, brass and stainless steel versions

Test- & calibration instruments

Compact and innovative temperature calibrators for the medical, pharmaceutical, food and industrial sectors, as well as pneumatic and hydraulic pressure calibrators.



Temperature calibrators

- Dry block, calibration bath, infrared and surface function
- Temperature ranges: -50 to 1200 °C
- Effective and compact with wide range of equipment options
- Quickest and most stable regulation on the market



Hand-held test pumps

- Pneumatic and hydraulic pressure pumps
- Pressure ranges: -0.95 to 60 bar
- Ideal for mobile use
- No power supply required



Tabletop test pumps

- Pneumatic and hydraulic pressure pumps
- Pressure ranges: -0.95 to 1400 bar
- Fast pressure generation with little effort
- No power supply required



Digital pressure gauges

- Display ranges: -1 to 2500 bar
- Display accuracy: up to 0.02 %
- With optional data logger
- Can switch between different units of measurement



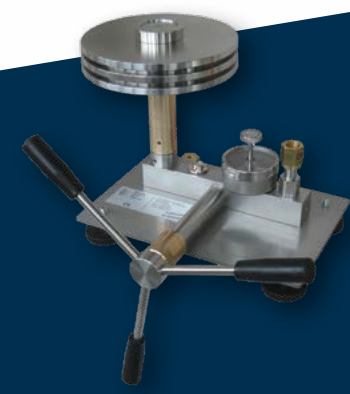
Process calibrators

- For temperature, pressure, current, voltage, resistance or frequency/pulse
- Various configurations
- Powerful mono- and multi-function process calibrators
- For mobile, on-site calibration



Hand-held instruments

- For temperature and pressure
- Easy to handle and with a high measuring accuracy
- Logger, alarm and clock function available



Hydraulic deadweight testers

- Maximum accuracy: 0.015 % of the measured value
- Pressure ranges: 0.25 – 1400 bar
- Free calibration to local gravity values according to DAkkS standard



Calibration service

- Accredited calibration laboratory
- Temperature ranges for temperature calibrators: -55 to 1300 °C
- Pressure ranges: 1 – 1200 bar
- Electrical quantities: mA, V, Ω

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