



UST Umweltsensortechnik GmbH is a successful medium sized enterprise, recognised internationally as a leading company for development and production of ceramic sensor technology, successfully acting in the global market.

A fundamental key for the business success of the company is the market-driven development and production of innovative ceramic sensor elements for gases, temperatures and flows as well as innovative devices for gas detection.

FACTS ABOUT THE COMPANY

Company established	1991
Company location	Geratal OT Geschwenda, Thuringia / Germany
Employees	> 100 (FTEs), thereof more than 60% women, 15 engineers for research and development activities
Product range	Platinum thin-film temperature sensor elements Customized semi-finished temperature probes Metal-oxide(MOX) semi-conductor gas sensors and gas sensor modules Devices (handheld gas leak detectors, stationary detectors, detector modules)
Annual output	several million sensors as well as several thousand gas detection devices (from small up to large series)
Sales	global
Customer	Automotive electronics, industrial electronics, building automation, process-, energy-, environmental-, safety- and medical engineering, logistics
Applications	Sensors e.g. for automobiles (ventilation flap control, heating systems, engine and exhaust gas control), indoor air quality measurement, early detection of smoldering fires in lignite-fired power plants, fire and hazard detection in subways, high and low temperature applications in process engineering, H ₂ measurement; electronic measuring devices, household appliances (white goods); Gas leak detectors, e.g. for installation, maintenance and service of gas, air conditioning and ventilation systems; leak detection/tightness test on natural gas vehicles, vehicle air conditioning systems
Certifications	IATF 16949:2016 and DIN EN ISO 9001:2015 (quality management) as well as DIN EN ISO 14001:2015 (environmental management)

