Company Profile

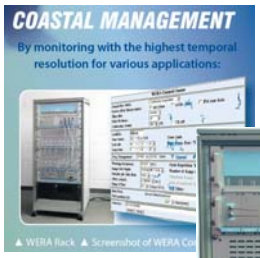
Since its foundation in 1995, Helzel Messtechnik GmbH specialises on the development and production of customer specific components and systems for industrial applications as well as for environmental and oceanographic measurement systems.

Our dynamic development team designs and produces electronic devices and circuits which combine high performance analog and high frequency techniques with modern digital interfaces and „intelligent“ software resulting in optimised system solutions.

High flexibility and short development times lead to customer specific solutions at reasonable prices. In times of short-term development periods it is good to know that there is something you can rely upon: German engineering standard and the high quality of our products.

Right from the very beginning, the company holds close contact to German and international universities and research groups. This strategy enables us to keep pace with the latest development in this fast moving field to guarantee best possible customer support with up-to-date technology.

Our main fields of business are:
Measurement Systems
Signal Sources
Signal Processing
High Frequency Amplifiers
Environmental and Oceanographic Measurement Systems



From complete test stations like calibration equipment, intermodulation test sets, special devices for field service and optical measurements to direct digital synthesizers (DDS), HF broadband-, power- and preamplifiers, particularly in combination with signal sources – your ideas are our challenge!

Our clients appreciate the competent, fast and structured implemention of their complex projects. High profile customers such as Atlas Elektronik, Bran+Luebbe, DASA, T-Mobile, Deutsche Telekom, EADS, Fraunhofer Institut, Heidelberger Druckmaschinen, Kabel-Deutschland, Max Planck Institut, Motorola, Philips Research rely on our expertise.

Our passion for environmental and oceanographic measurement technology is reflected in our WERA – Remote Ocean Sensing , an over-the-horizon radar to measure ocean currents, waves and wind which is providing important ocean parameters to research institutes, universities and ocean industry partners. Due to the reliable high-quality of its output data, WERA enjoys a unique reputation as leading system and is installed more than 40 times worldwide.

Helzel Messtechnik GmbH - Carl-Benz-Straße 9 – 24568 Kaltenkirchen – Germany
Telefon +49 (0)4191 95 20 0 – e-mail: hzm@helzel.com - www.helzel.com