



Measurement and Control Technology



Flow Measurements

Project Engineering

Pressure Vessel Construction

Apparatus Construction

Certified Welding Specialists

CNC – Turned Part Machining

We think
BIG.





Ranges of Application

For all media and industrial sectors such as e.g. power plants, petrochemistry, paper & cellulose, water and foodstuff plants



Quality, Flexibility, Product Variety and, above all, Reliability across the World!

Who we are:

The family enterprise **KERN** was founded by *Peter Kern* and has been an established name in the **field of measurement and control technology worldwide** for over 40 years. In the second generation we expand the company's activities and build a new manufacturing factory with office wing in Eisenberg (Pfalz/Germany) that was completed in the year 2000.

In the following years our experience, our expertise and our reliability allowed us continuously to expand our customer base and our name recognition among **well-known plant and power station manufacturers across the world.**

As specialists in machining heat resisting steels (e.g. P92) and large nominal sizes, among other things, in recent years we have **invested significantly** in our manufacturing sector.

What makes us stand out:

Advice and Service

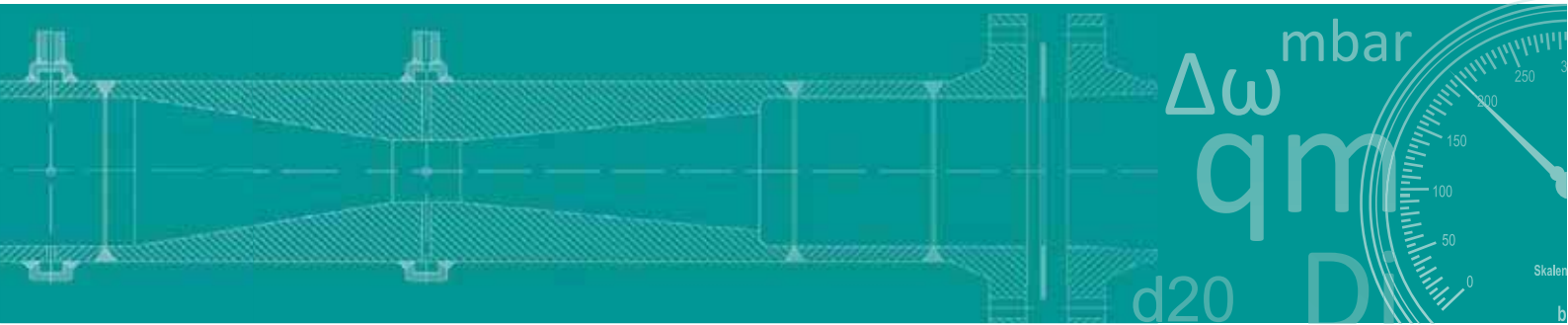
Our philosophy is centered on the customer and his requirements.

The consultation phase at the start of each project is pivotal. It helps our customer to define his **needs and wishes** and enables us to offer him the ideal solution. Give us a call; one of our highly qualified teams is available at any time to provide you with **advice.**

Quality, Flexibility, Product Variety and, above all, Reliability

Our wide range of products, our available stock, short delivery times and high quality standards make us an **exceedingly competent and flexible** partner.

So we can meet our high standards we work only with selected suppliers, assuring our customers the **benefits of their quality and flexibility.**





The **KERN**-Team

Our Delivery Spectrum - Make Use of our Expertise and Experience!

■ Differential Pressure Devices as per EN ISO 5167/ ASME MFC 3M/ASME PTC 6

Standard orifices, ISA-1932 nozzles, venturi nozzles, classical venturi tubes. Our plant manufactures a wide spectrum of designs, from those for **pure measurements** in use to **high-precision off-set measurements** (also for highly heat resisting applications).

We will also provide you with all of the necessary auxiliary equipment for the flow measurements named:

Condensate pots, shut-off valves, valve blocks and valve block combinations, pressure gauge feed pipes, temperature feed pipes, thermocouple elements, flow computer, differential pressure-, pressure- and temperature measuring transmitter.

■ Welding

We as a service provider offer you the full spectrum of **welding technology**, starting with carbon steel connections right up to **heat-proof/heat-resisting connections**.

We specialized in this area with an emphasis on **plant and power station construction** with the required welded works and welding procedure qualifications for power station construction e.g. 1.5415; 1.7380; 1.7335; 1.6368; 1.4903; 1.4901 and black and white connections and high grade steel connections for areas of high pressure and temperature.

Build-up welding and wear-resistant layers are also part of our range of services and can be performed as the customer wishes.

■ Construction and assembly of measuring sections

For flow measurements of all kinds

■ Drainage installations and suspended level bulbs

■ Pipe fittings for power station areas

■ Pressure vessel and plant construction

■ Construction and design dimensioning

Compliant with the current bodies of rules and regulations

■ Turned part machining using CNC technology

Specialization in single piece production

■ QS systems/certifications

- ISO 9001:2008
- PED 97/23/EC module H/H1
- AD2000-HPO
- TRD201
- DIN EN ISO 3834-2
- GOST certification

■ Welder qualifications/welding procedure qualifications

For all materials prevalent in power stations and in plants



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