

COMPETENT SOLUTIONS FOR TESTING & MEASURING EQUIPMENT

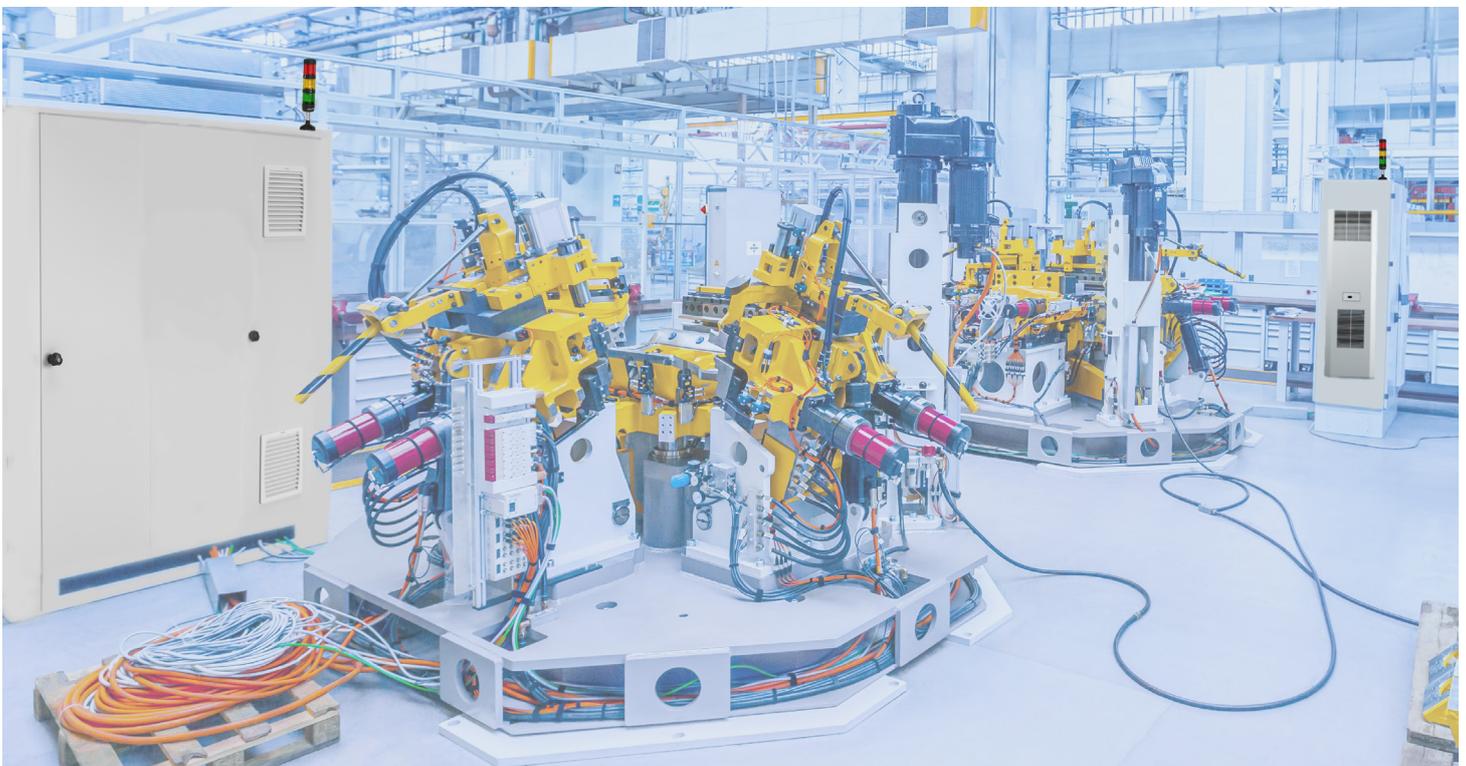
Whether in the automotive or consumer goods industry, medical technology, packaging or electronics industry - the monitoring and control of any process is the basis of any successful industrial production.

To ensure this, there is a wide range of **industrial test systems**: from individual sensors to complete test bench solutions for monitoring and control, for measurements in-process (in-line) as well as at the end (end-of-line).

Especially in test benches, where large axes are driven to simulate load cases (e.g. braking processes), diverters are an important component. These and other important electronic components are cooled in **control & switch cabinets**. Thermal solutions against overheating caused by the **machine drives** used there are also indispensable in test facilities and test systems of e.g. motors or batteries.

Pfannenberg ensures a smooth process flow with its passive and active cooling systems: **filter fans, cooling units, air/water heat exchangers or chillers** find their ideal field of application in such industrial plants, depending on the ambient conditions. **Signaling devices** for informing, warning and alerting additionally ensure safety for people, machines and the environment.

Our experts will be happy to support you with the best product selection or work out individual solutions with you!



You can find the entire product portfolio on our website: [thermal management](#) and [signaling technologies](#).

Pfannenber Solutions

Product benefits



Filterfans

Simple installation
EMC variants
Restrained Design

Patented „click and fit“ mechanism without screws
No interference from electromagnetic waves
Without flashy logo, also in black



Top, Side and Door Mounted Cooling

Operational Safety
Easy maintenance
Flexible Design

Machine downtime is reduced
No filter exchange, long-term functionality
Compact devices for installation in confined spaces,
Cut-out compatible across many performance classes



Air/Water Heat Exchangers (Side and Top Mounting)

Cost-saving
High flexibility
Hot environment

If water already provided
Cutouts compatible with the active cooling devices
Cools independently of the environment



Chiller

Flexible application
System solution
Broad power range

Cools water for machine drives
Ideal complement to air/water cooling
From 1.1kW to 150kW



Signaling devices

Reliability
Safe & compliant
Easy mounting

Through continuous, LED, flashing or strobe lights
Acoustic amplification of optical signals
Short installation times

Service and Contacts



Global technical Service

24/7 worldwide presence |
commissioning, repair and
maintenance | F-GAS leakage tests
| spare part kits | service trainings |
PSS - [Pfannenber Sizing Software](#)



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