



Testing Probes

For the entire completion of the dust protection type testing and especially for all testing according to the first IP-Code element our product range contains access and object probes.

NEW!

Easy dust exchange thanks to the possibility to exhaust.



DST 2100

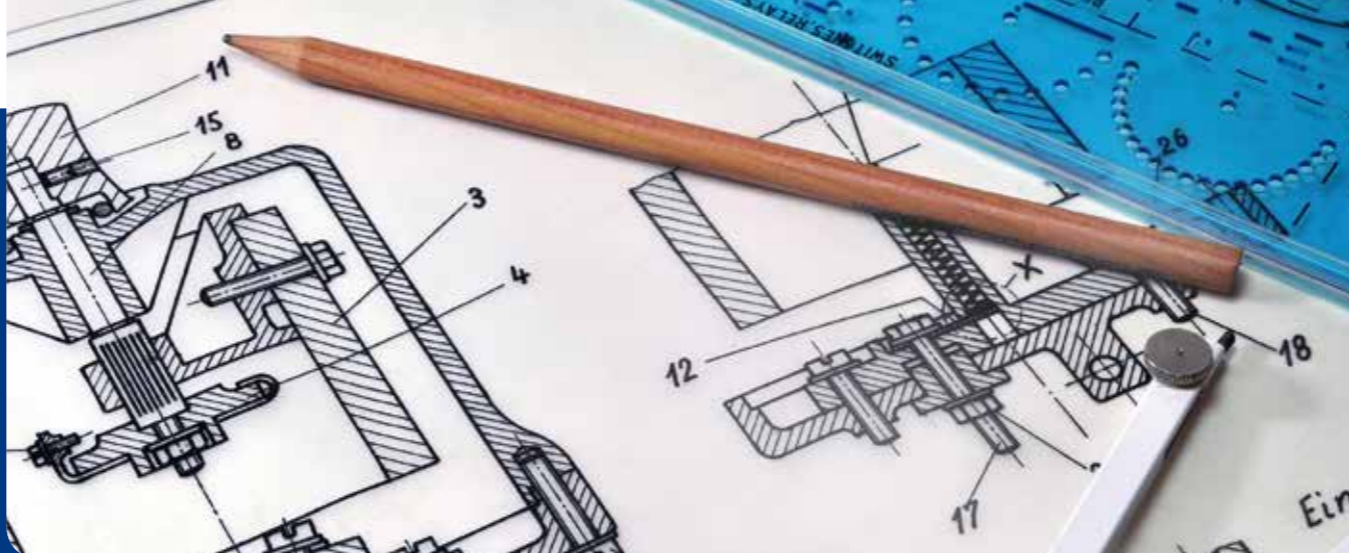
A further important area for the verification of IP-Code is the dust protection type testing. Our **Dust Chamber DST 2100** was designed according to the specific requirements by DIN EN 60529.



Dust Chamber DST 2100



*... reliably braving
the environmental impact ...*



*...flexibility –
the road to success!*

Custom-Made and Service

All of our facilities are designed, constructed and manufactured in our own production site. The manufacturing of component parts, fitting work, facility programming and final assembly takes place in-house in our company. Merely the metal sheet component parts are generated by partner companies with high-tech CNC and laser technology.

Our longstanding experience and collected knowledge goes into all of our products and realizations to guarantee you a state-of-the-art high-tech testing equipments.

To ensure long service life our facilities are preferably produced of stainless component material. We personally conduct the service and maintenance of our products for you. We would be pleased to also offer you our service contract for your facilities.

Integration and Realisation

Among our strongest points are the integration and realization of your individual wishes and specific requirements in our facilities.

For example the assembly of a facility component by a brand manufacturer of your choice or the customized fitting of the facility to your spatial conditions. As a result you receive a precisely customized product that exactly suits your requirements.

Further service and products are available on request.

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BADEN**

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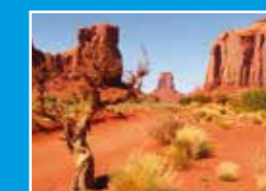
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Satisfied customers are the best recommendation.
Companies that rely on our know-how and commitment:



Custom-Made & Service



Dust Chambers



Spray-Water Chambers



Immersion Devices

Custom-Tailored Testing Equipment

Environmental Simulation • Measurement and Testing Technology • IP-Code



**Testzentrum
BADEN**



*Innovation is our
passion...*

Testzentrum Baden GmbH

We are an innovative company. Our two main areas of expertise are:

- Special plant engineering and construction for measurement and testing technology
- Testing service in the area of environmental simulation

Special Plant Engineering and Construction

From the first layout through construction to the assembly we manage each work step itself. Our focus in plant engineering is the development and manufacturing of

testing equipment and testing devices for the verification of protection type degrees (IP-Code) for products such as plug connectors or enclosures for example.

Testing Technology Service

In order to shorten the waiting time until completion of your requested testing device you have the possibility to use our testing facilities in our in-house showroom. Using our testing devices in our own laboratory we can also directly conduct your product tests here.

We look forward to your order.

Products

- Access and object probes
- Rotary plates and turntables
- Drip water devices
- Nozzles
- Splash- and spray-water chambers
- High pressure-, jet nozzles and injector facilities (IPX9K-test method)
- Immersion facilities (basins/containers)
- Retrofitting of immersion platforms
- Dust chambers
- Room integrated IP-Testing devices
- Nozzle measurement testing benches/stations
- Vacuum retrofitting for dust chambers

- Vacuum test benches
- Water and dust testing devices according to UL 50E and NEMA 250
- Steam testing facilities and devices

Range of Services

- Consulting and service
- Planning and development
- Dimensioning and layout
- Construction and modification
- Assembly and manufacturing
- Technical documentation
- Training courses and testing technology



... and water is our element...

... always braving the elements...



Spray-Water Chamber SWK 1000



SWK 1000 Side Channel



SWK 1000 IPX9K Rack



SWK 1000 Swivel Tube



IPX9K - Fan Jet Nozzles

that should be using a specified amount of force upon the test object. For each measured nozzle you will receive a factory calibration report traceable back to national and international calibration standards.

IP-MASTER

We have realized the integration of water protection type testing in your premises with our testing device **IP-MASTER** for example. The device contains a testing and aggregate compartment. The IP-MASTER is designed for performing of IPX5, IPX6, IPX9K and Hosedown testing (UL 50E or respectively NEMA 250).

TB 1500

The **Immersion Basin TB 1500** contains an integrated immersion platform and is designed for the water protection type testing by IPX7 and IPX8.



IP-Testing Compartment



IP-Aggregate Compartment



Hosedown acc. to UL 50E



Immersion Basin Platform



SWK 1000

The tests of degrees of protection are mostly conducted according national or international standards (IEC 60529, DIN 40050-9, ISO 20653, ...). Our **Spray-Water Chamber SWK 1000** has therefore been developed for the conduction of water protection types testing IPX3, IPX4(K), IPX5, IPX6(K) and IPX9K. As a user of SWK 1000 you have the possibility of automatic recording of testing parameters for each conducted test for the following report evaluation.

Nozzle Test Bench & Measurement

We design and manufacture different **Nozzle Test Benches** for the verification of fan jet high-pressure nozzle requirements. These can be integrated in existing high-pressure/ steam-jet cleaning facilities or equipped as a stand-alone test bench. The stand-alone version contains all the components, such as high-pressure pump, flow meter, force sensor, displacement transducer and pressure sensor as well as the control unit and data acquisition unit. In our test laboratory we also conduct the qualification and measurement of the high-pressure fan jet nozzles

... excellent performance even in fluids...