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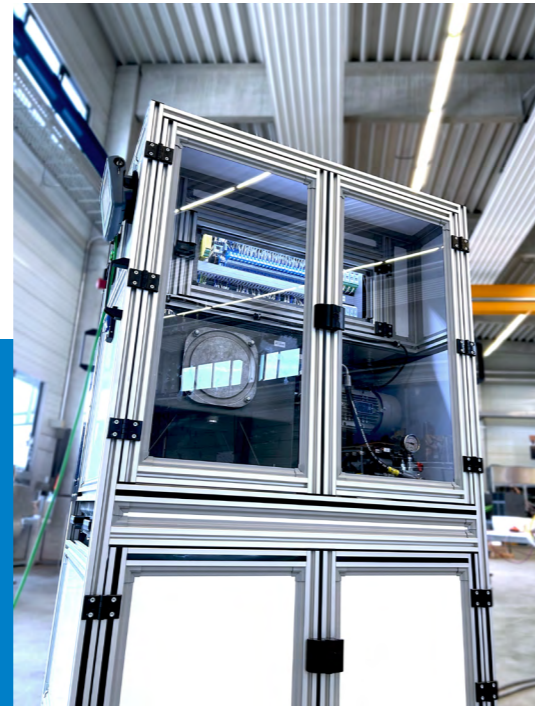
# MOBILE HYDRAULIC TEST STAND

PROCESS & ENVIRONMENTAL TECHNOLOGY



## Maximum flexibility and compatibility

The mobile hydraulic test stand is characterised by its versatility and can be operated both independently and in conjunction with various control and process control systems (DCS). This high level of compatibility allows it to be used in different operating environments and supports the simulation of complex software configurations and malfunctions in a safe environment.



## PLUG & PLAY

The mobile SAR hydraulic test stand can be connected to the hydraulic control cabinet in just a few minutes and the software and hardware tests can begin.



## OPTICAL AND DIGITAL CONTROL FUNCTIONS

Various optical and digital control functions are integrated into the test rig, such as pressure and temperature measurements of the hydraulic system. Both the target value (setpoint) and the actual value of the position of the hydraulic cylinder are displayed and archived, enabling transparent and traceable testing. The documentation of all tests is thus generated automatically and can be handed over directly to the customer.



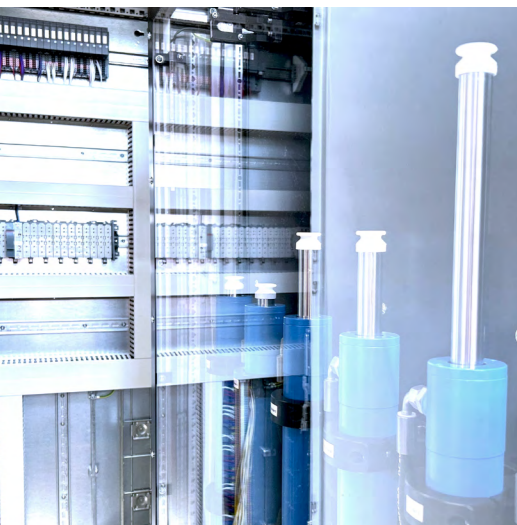
## Increased efficiency thanks to state-of-the-art technology

With the innovative mobile test stand from SAR Process- and Environmental Technology, hydraulic systems can be tested faster, more precisely and in a reproducible manner.

Thanks to state-of-the-art technology such as hydraulic cylinders, proportional valves and position measurements, all tests can be carried out efficiently and, above all, safely. In particular, state-of-the-art position control and synchronization control can be simulated, which helps to ensure safe and effective commissioning.

## Improvement of Training and Quality Assurance

The test rig plays a central role in the training of new specialists and contributes to quality assurance. Integrated into the training of apprentices, it offers practical learning opportunities and ensures that junior staff are familiar with the latest technologies. Additionally, it helps to identify and correct potential errors in software and/or hardware at an early stage, which sustainably increases the reliability of the hydraulic system controls supplied by SAR.



## USER-FRIENDLY CONTROL PANEL

The touch display is intuitive to use and the menu navigation is clear and structured.





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