

Mobile Pressure Test Bench



The system can be used to illustrate and log different tests and various pressure ranges. An automated leakage test based on a helium / gas mixture detects unexpected leaks – even in the low-pressure range. A “sniffing device” localises leaky spots. Even solid-state and hard-to-reach components in systems can be checked using this method. The test bench also has additional temperature measurement for the leakage test for large volumes (m³) in the low-pressure range. That way, the system independently detects whether there is a leak or pressure differences due to temperature influences. The DPC 3000 is the heart of the test equipment. The flexible and convenient embedded system is capable of automatically illustrating a variety of test processes. A separate set of parameters can be allocated to each test process. The sensor bus system offers the opportunity to connect various sensors for different control ranges and for barometric or temperature compensation. Unmistakeable pressure connections prevent incorrect operation due to incorrect connections being used.

Features

- | Illustration of different pressure ranges due to the use of different sensors
- | Eight-way I/O modules for controlling solenoid valves
- | Automated helium / mixed gas production and leakage test
- | Location of leaks in the low-pressure range
- | Leakage test for large volumes (m³) using additional temperature measurement
- | Comfortable operation via 7" touch display with additional input keypad

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