



JULY 2022 | CASE STUDY

LEAK TESTS OF MANOMETERS

Manometers are used in the HVAC industry, in all areas where fluid pressures are needed, such as in the health industry. There are many standards that must be complied with during the production of manometers, which have many uses, types, and models. In order for the manometers to meet the standards related to leak-proof, leak tests must be carried out during the production phase.

According to TSE, the leak test of manometers should be done by measuring the leak flow.

- 5×10^{-2} mbar.l/s for diaphragm pressure gauges,
- For encapsulated pressure gauges, it should not exceed 5×10^{-3} mbar.l/s.



TEST METHOD

With the leak tests using the pressure decay method, you can perform the leak tests in accordance with all the standards in the world. BT4000 Series Leak Testing Devices can store up to 100 different prescriptions. In this way, by recording different parameters such as volume information, test pressure, and max leakage flow, you can easily perform leak tests for up to 100 different product types by selecting a product from the device screen. Do not miss even the smallest leaks with BT4000 Series Advanced Level Leak Testing Devices, which have a measurement accuracy of 0.1 Pa.

