



More than **sensors + automation**

JUMO thermoCOR

Portable measuring system according to AMS2750 and CQI-9



Glowingly precise.

- Implementation of SAT and TUS tests
- Creating and managing test reports
- 12 thermocouple inputs and four universal inputs
- Tamper-proof recording using TÜV approved JUMO PCC and PCA software
- Mobile version in high-quality and robust design
- Very user-friendly due to unique process screens as well as tried-and-tested JUMO programming
- Various JUMO service packages available



Type 987050

Brief overview

The JUMO thermoCOR is a portable measuring system with which plant operators can independently perform SAT and TUS tests on a regular basis with the usual accuracy. The device is DAkkS-calibrated and meets the tolerance limit requirements according to the AMS2750 and CQI-9 standards. The core of JUMO thermoCOR is a high-precision cold junction. The test equipment has an overall capacity of up to 12 configurable thermocouple inputs and four configurable universal inputs to which such devices as RTD temperature probes or pressure transmitters can be connected. A touchscreen offers easy handling of process screens. A master and user management system enables all activities to be easily understandable and all measured values to be acquired so that they are tamper-proof. The data is transmitted via LAN or USB interface through the JUMO PCC communication software to the JUMO PCA evaluation software. A test report can be prepared after testing.



*Example setup:
TUS test with
JUMO thermoCOR
(type 987050)*

JUMO service packages

Introduction packages	Maintenance package	Comprehensive carefree package
<p>Introduction package 1:</p> <ul style="list-style-type: none"> – Renting possible between two weeks and three months – Independent implementation of all tests <p>Introduction package 2:</p> <ul style="list-style-type: none"> – Renting for one month – One day of support by a JUMO employee 	<ul style="list-style-type: none"> – Duration of 12 months – Recalibration – Firmware update – Complete functional test (mechanical and electrical) on the JUMO premises – Loan device for the duration of the recalibration or corrective maintenance – Phone support 	<p>The following tasks are handled by JUMO:</p> <ul style="list-style-type: none"> – Temperature uniformity test in the usable space (TUS) – System accuracy tests (SAT) – Instrumentation (specification of the measurement and control device) – Calibration of the meter run from the controller via the measuring line up to the thermocouple – Creating the protocols – Monitoring the inspection dates

