



More than **sensors + automation**



Application

Industrial Heat Treatment According to AMS2750E and CQI-9



Industrial heat treatment according to AMS2750E and CQI-9 with JUMO – the safe way to fulfill requirements

Increasing requirements for process reliability, data recording, and logging always introduce new challenges to users of modern measurement and control technology. Particularly in sensitive areas, such as the air travel industry or the automobile industry, safe and reproducible operating procedures are assumed to be the case.

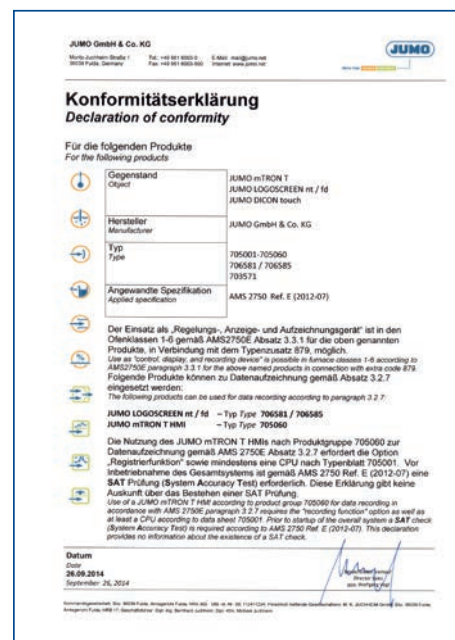
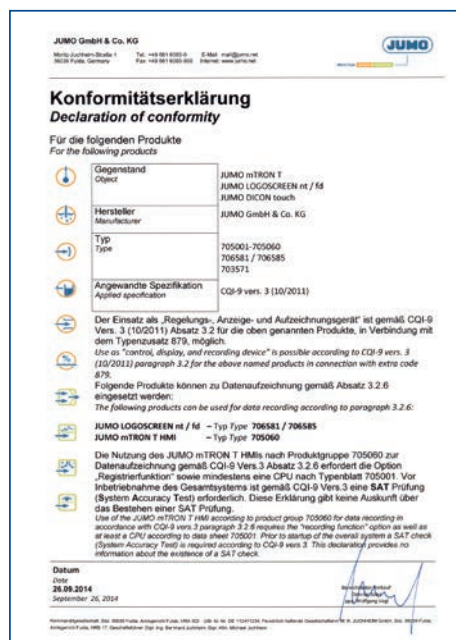
With the latest JUMO products your daily working processes are in safe hands. Even the requirements of AMS 2750E and CQI-9 are unproblematic.

With our controller program along with our digital recorder solutions we offer – in combination with precise RTD temperature probes or thermocouples – the full spectrum for all applications of heat treatment. The controller program includes devices such as JUMO mTRON T and JUMO DICON

touch while our digital recorder solutions include devices such as the JUMO LOGOSCREEN nt.

In our laboratory that is nationally-accredited in Germany we can calibrate the temperature probe and also the complete measuring chain while providing certification for these actions.

All in keeping with our motto: **everything from a single source!**



Develop plants with 1 to 120 control areas. Our control, data recording, and monitoring devices support you in your task. The requirements for devices listed in the specifications

generally necessitate a SAT test before first use for proof of the required criteria. We help you to fulfill the strict criteria of AMS 2750E and CQI-9.

Your benefits in a nutshell

- One supplier for all products
- Recording that is safe from data manipulation
- Between 1 and 120 control loops
- Quick startup

- Simple combination with other JUMO devices such as SCR power controllers and safety temperature limiters
- Better process transparency
- More efficient process management
- Expert support

Further information

Email: automation@jumo.net
 Calibration service: www.calibration.jumo.info



Scan the QR code to discover more about the JUMO calibration service.





JUMO mTRON T
Measuring, control,
and automation System
Type 705000

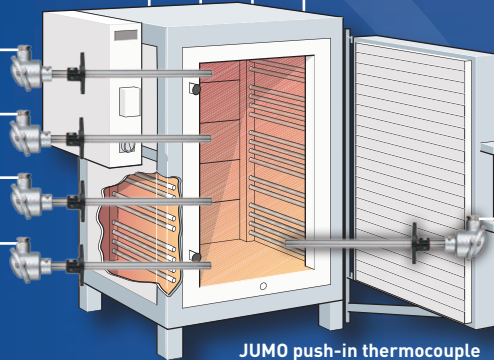
JUMO TYA 201
Single-phase power controller
Type 709061



JUMO safetyM STB/STW
Safety temperature limiter,
safety temperature monitor
acc. to DIN EN 14597
Type 701150



JUMO push-in thermocouples
With terminal head form A
Type 901110



JUMO push-in thermocouple
With terminal head form A
Type 901110

JUMO mTRON T (type 705000)

The complete solution for your control and furnace control offers you an easy-to-use recording function with batch reporting, up to 120 closed control loops, and an efficient PLC based on CODESYS V3. The universal and extremely precise analog inputs in combination with other IO modules provide maximum flexibility. The data recording from 54 analog and 54 digital channels in one tamper-proof format naturally stands up against AMS 2750E or CQI-9 as well.



JUMO DICON touch (type 703571)

Compact and efficient. Two control channels, modular construction, and a touch-display are just some of the key words that describe the JUMO DICON touch. The powerful control function, data recording, and up to four analog inputs make this an excellent all-round device. Like almost all JUMO controllers, the JUMO DICON touch naturally has a self-optimizing function with two different processes so that you have optimal control quality.



JUMO LOGOSCREEN nt/fd (types 706581 / 706585)

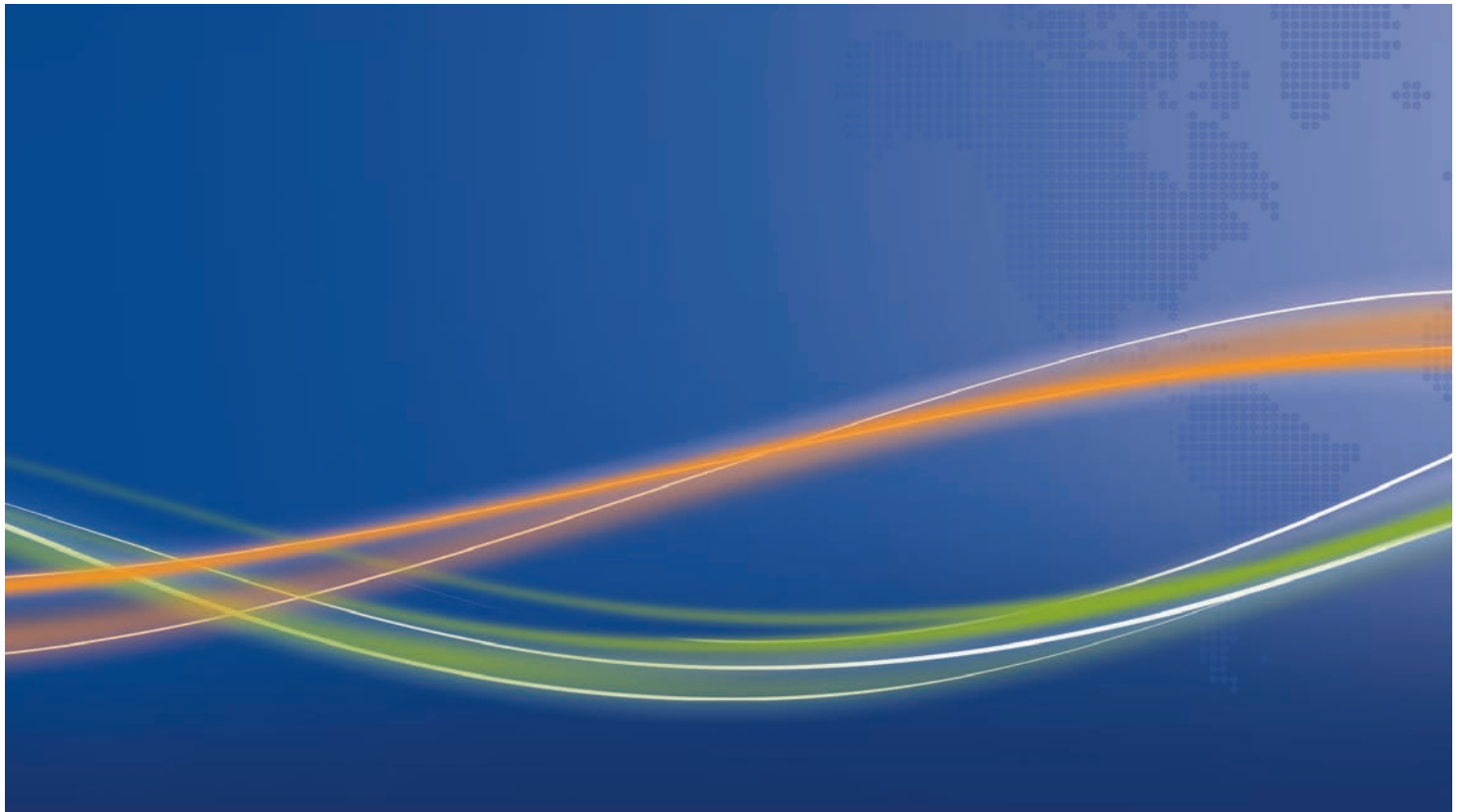
Our digital recorder solutions for the most varied applications. Universal analog inputs for thermocouples, RTD temperature probes, and standard signals for current and voltage are as much of a standard feature as the tamper-proof recording of your measurement data. The devices are complemented by an easy-to-use software package for analyzing and managing your data. Batch reports, export function into a format such as a PDF-file, or the display of results relevant to your process are just some of the features of our PCC and PCA 3000 software.



JUMO temperature probe (types 901110 / 901210)

Our wide and variable range of temperature probes offers ideal solutions for all current processes. We do so with RTD temperature probes for use in low temperatures or for thermocouples with type N, type S, and other commonly used thermocouples for use in high temperatures. JUMO delivers renowned quality with corresponding tolerance verification for use as SAT, TUS, resident, or load sensor. This way JUMO can guarantee the complete measuring chain in your heat treatment facility according to AMS2750 and CQI-9 specifications.





www.jumo.net