JofraCal
Calibration Software

AMETEK®
SENSORS, TEST & CALIBRATION

A Complete Solution

Save Time

Reduce operator time dramatically by automating calibration procedures. Calibrate up to 24 sensors simultaneously.

Secure Production Quality

Track sensor performance and drift to conduct timely and efficient preventive maintenance.

Automatic Documentation

Full documentation of results and procedures that comply with quality assurance systems.
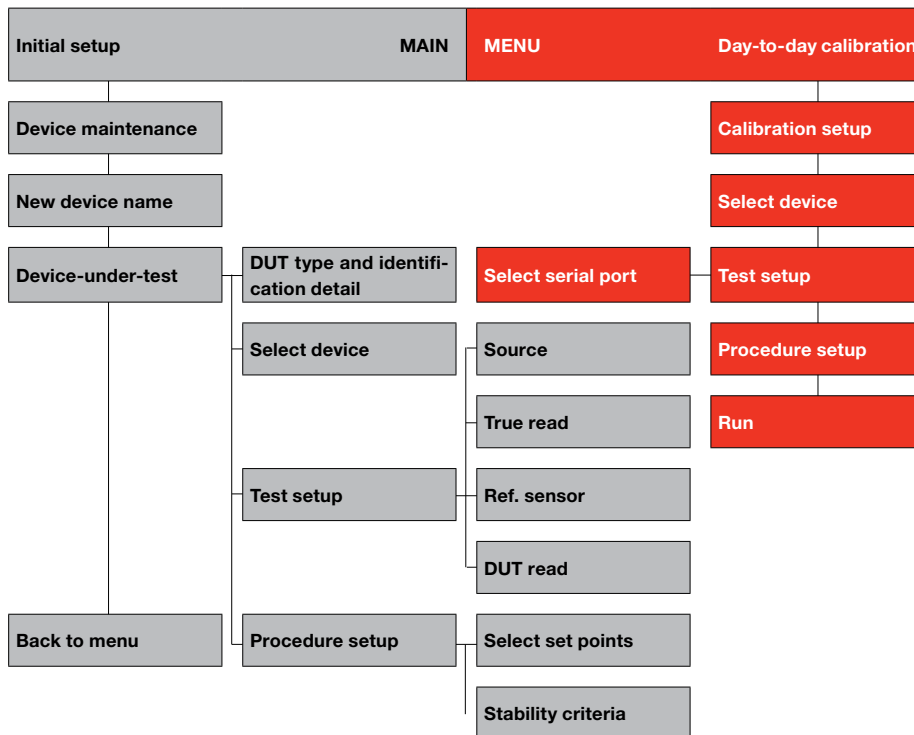
Reduce Sources of Error

Get full repeatability using the same procedures and setups ensuring a high level of calibration uniformity and confidence in your results.

JofraCal is a complete process calibration solution, enabling paperless calibration. It offers configuration and unlimited storage of calibration procedures, calibration setups and calibration results. The software handles comparisons between the process readout value and the reference value; a measurement typically required by ISO 9000, GMP, or HACCP systems.

Features

- Easy overview and straightforward navigation via Tabs
- Set up calibration procedures and download them to your calibration instrument
- Print calibration certificates to comply with ISO standards, local norms and standards. JofraCal has a built-in PDF generator for easy generation of documents
- Calibration procedures and results are stored in a user-friendly database with search and sorting functionality
- Access to device-under-test (DUT) calibration history for preventive maintenance
- Transfer data to spreadsheets or other systems
- Schedule calibrations; list the tag, location and calibration due dates for your instruments

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Easy Calibration Set-up

Initial setup	MAIN	MENU	Day-to-day calibration

Device maintenance

New device name

Device-under-test

Back to menu

DUT type and identification detail

Select device

Test setup

Procedure setup

Select serial port

Source

True read

Ref. sensor

DUT read

Select set points

Stability criteria

Calibration setup

Select device

Test setup

Procedure setup

Run

The unique "Icon bar" is key for easy set up of a calibration task. The "Icon bar" tells the current status of the calibration process, starting with selection of the sensor to be calibrated and ending with the performance of the calibration. The diagram shows the basic steps needed to set up a calibration.

Initial set-up

When calibrating sensors for the first time, the initial setup in the grey boxes must be followed. First, enter the specifics for the sensor(s) to be calibrated. Second, carry out the setup and calibration procedures. When the setup is finished, the calibration is ready to run (red boxes).

Day-to-day calibration

On a daily basis, it is not necessary to setup the sensor data again as setups and calibration procedures are retained from earlier calibrations. Just follow the red boxes, selecting the sensor(s) to be calibrated. This is easy and ensures that calibration is done in exactly the same way every time.

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Accessories

125002. . . . . Edgeport converter with 4 RS232 ports. Connected and powered by a USB to the PC. Tested with our calibrators.

Operating System Compatibility

Microsoft Windows 7, 8, and 10 - 32 and 64 bit.

Instrument Combinations

JofraCal combines our temperature, pressure and process calibrators into larger and more capable calibration systems.

RTC Series - PTC Series - ITC Series - CTC Series - MTC Series - ETC Series - ASC-400 Series - ASM Series - nVision - XP2i - DTI Series

EN ISO/IEC 17025
Laboratory accreditation

AMETEK Sensors, Test & Calibration has two EN ISO/IEC 17025 accredited laboratories that issues accredited certificates in accordance with international standards. Laboratory accreditation is a reliable indicator of technical competence assuring customers the most accurate documentation. We believe in being clear about our capabilities, our accuracy, and about what you can expect from us.

Because calibration is a matter of confidence!