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Bringing Advanced Simplicity to a Multi-function Process Calibrator

Allerød, Denmark – Process signals are crucial in various industries, from controlling valves, switches, or lights to measuring pressure in a pipe to calibrating temperature in a bakery oven. With something so important used everywhere, ensuring that these process signals remain accurate is essential. Users have multiple choices on the calibration equipment they use, but one of the most important factors to consider is ease-of-use.

Because multiple process signals may be used, including volts, millivolts, amps, or milliamps, and each of these may have large range differences, most users turn to a multi-function calibrator to satisfy all situations. However, as the options increase, the instrument's complexity tends also to increase. For novice users, a task seemingly as simple as connecting the instrument to the signal may prove difficult.

The [JOFRA ASC-400 Advanced Signal Calibrator](#) has a solution with its new connection assistant. The ASC-400 now includes a built-in help function that offers a graphical solution to exactly how to connect the ASC-400's current set-up. If the measurement parameters change (from V to mA, for example), the connection assistant screen will change. Use the new feature to reduce errors and wasted time significantly.

The ASC-400 Multifunction Process Calibrator reads and sources RTD, Thermocouple, Current, Voltage, Frequency, Resistance, and Pulse Train Output. It combines features such as percent error calculation, scaling, leak-testing, and switch test calibrating into one handheld calibrator. The large full-color display, numerical keypad with a cursor, and function keys help simplify use.

Combine the ASC-400 with an [APM CPF pressure module](#) to calibrate gauge or absolute pressure. If temperature calibration is needed, combine the ASC-400 with a [dry-block calibrator](#).

About AMETEK STC and JOFRA

AMETEK STC manufactures and supplies calibration instruments for temperature, pressure, and process signals under JOFRA and Crystal brands. JOFRA signal calibrators are known worldwide for their accuracy, reliability, and ease-of-use. For more information, visit www.ametekcalibration.com.

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