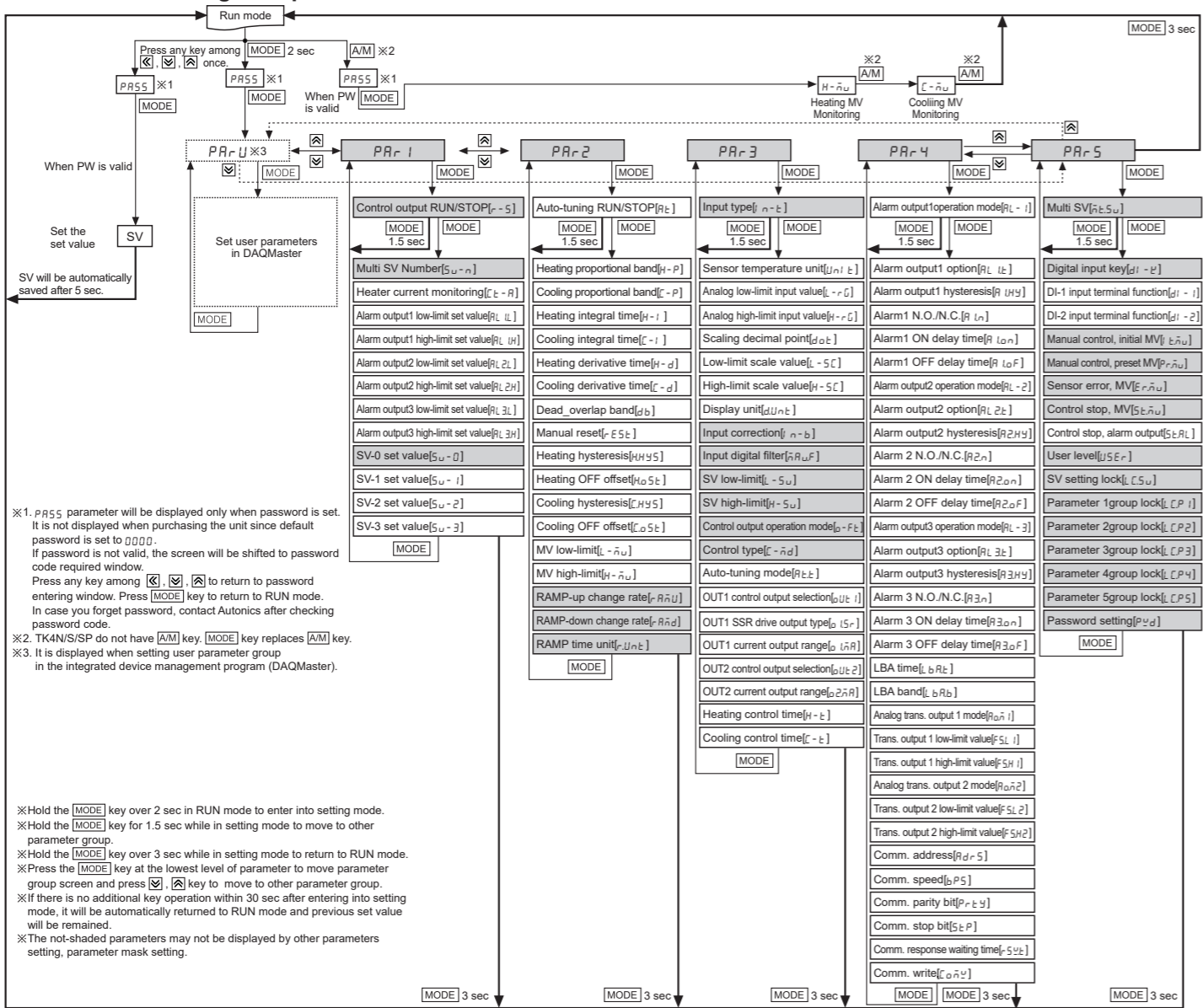




Flow Chart for Setting Group



\*1. PR55 parameter will be displayed only when password is set. It is not displayed when purchasing the unit since default password is set to 0000.

\* Hold the [MODE] key over 2 sec in RUN mode to enter into setting mode.
\* Hold the [MODE] key for 1.5 sec while in setting mode to move to other parameter group.

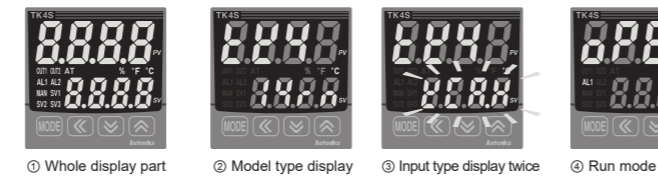
Input Types and Range

Table listing input types such as Thermocouple (K, J, E, T, B, R, S, N, C, G), RTD (L, U, Platinum II, Cu, JPt, DPt, Nickel), and Analog (Voltage, Current) with their respective ranges and display formats.

\*1: C (TT): Same temperature sensor as former W5 (TT)
\*2: G (TT): Same temperature sensor as former W (TT)

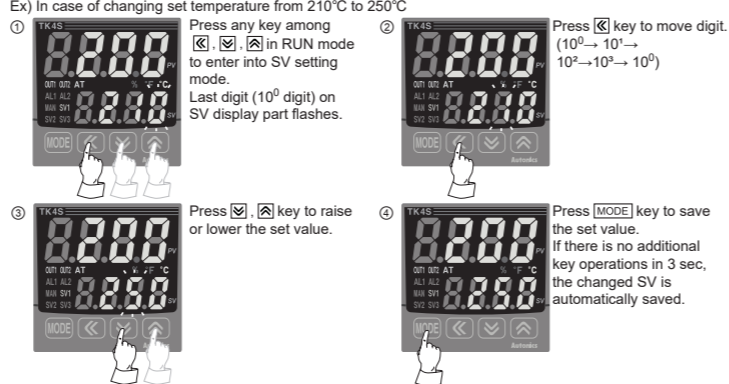
Initial Display When Power ON

When power is supplied, whole display parts flash for 1 sec. Afterwards, model name and input sensor type will be flash twice and then it enters into RUN mode.



Set Value (SV) Setting

You can set the temperature to control with [OK], [MODE], [▲], [▼] keys. Set range is within SV low-limit value [L - S] to SV high-limit value [H - S].

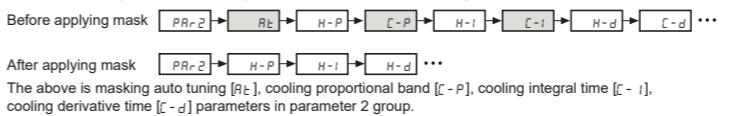


Parameter Reset

Press [OK] + [MODE] + [▲] to reset all parameters in memory to default value. Set [P n] parameter to '4E5' to reset all parameters.

Parameter Mask

This function is able to hide unnecessary parameters to user environment or less frequently used parameters in parameter group.



User Parameter Group [PR-U] Setting

This function is able to set the frequently used parameters to the user parameter group. You can quickly and easily set parameter settings.



The above is setting user parameter group in the DAQMaster with alarm output 1 low-limit value [RL-L], alarm output 1 high-limit value [RL-H], SV-0 set value [S-U-0] parameter of parameter 1 group, heating hysteresis [HH5], cooling hysteresis [CH5] parameters of parameter 2 group, input correction [I-n-b] parameter of parameter 3 group, alarm output 1 hysteresis [R-H5], alarm output 2 hysteresis [R2H5] parameters of parameter 4 group.

Auto-tuning

Auto-tuning measures the control subject's thermal characteristics and thermal response rate, and then determines the necessary PID time constant.

Alarm

Alarm operation table with columns for Mode, Name, Alarm operation, and Description. Includes diagrams for various alarm conditions like deviation, high-limit, low-limit, absolute value, loop break, and heater break.

Alarm option

Table listing alarm options (RL-A, RL-b, RL-C, RL-d, RL-E, RL-F) and their descriptions regarding standard alarm, standby sequence, and latch operations.

\* Condition of re-applied standby sequence for standby sequence 1, alarm latch and standby sequence 1: Power ON. Condition of re-applied standby sequence for standby sequence 2, alarm latch and standby sequence 2: Power ON, changing set temperature, alarm temperature [RL 1, RL 2] or alarm operation [RL - 1, RL - 2], switching STOP mode to RUN mode.

Factory Default

Tables showing factory defaults for SV setting group, Password input parameter, Parameter 1 group (PR-1), Parameter 2 group (PR-2), Parameter 3 group (PR-3), Parameter 4 group (PR-4), and Parameter 5 group (PR-5).

User Manual

For the detail information and instructions, please refer to user manual and user manual for communication, and be sure to follow cautions written in the technical descriptions (catalog, homepage).

Comprehensive Device Management Program [DAQMaster]

DAQMaster is a comprehensive device management software for setting parameters and monitoring processes. DAQMaster can be downloaded from our website at www.autonics.com.

Table with columns Item and Minimum specifications, listing system requirements like IBM PC compatible computer, Windows OS, memory, and hard disk space.

Cautions during Use

- List of 13 cautions including following instructions, checking polarity, wiring temperature sensors, using correct cable types, and ensuring proper power supply and grounding.

Major Products

Autonics corporation logo and contact information. Includes a list of major products like photoelectric sensors, door sensors, and motor controllers, along with headquarters and regional office addresses.