

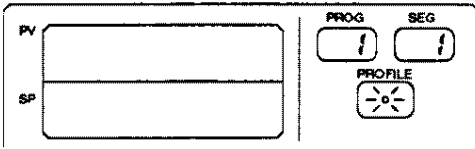
8. Constant value control

- When this instrument serves as a controller, it can be changed by **FUNC** and **PID** keys. For the setting change and SP value setting, observe the following procedure.
- When the model number is other than 5S, the instrument can be changed to the constant value control by pressing **FUNC** and **PID** keys together in the ready mode.

Procedure

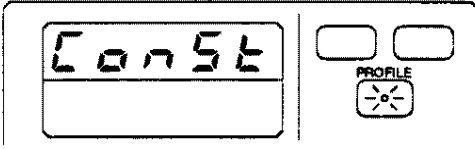
- ① For indicating the ready state

Press **RUN/HOLD** key together with **PROG** key.



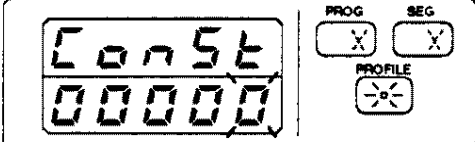
RUN, HOLD, MAN and PRG LED go out.
- ② For indicating the constant value control

Press **PID** key together with **FUNC** key.



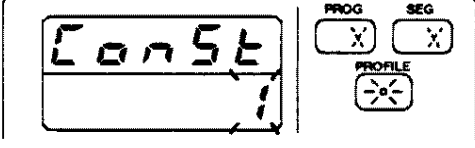
Program No., segment No., and profile indication go out.
- ③ For setting the instrument to be ready for constant value control

Press **ENTER** key.



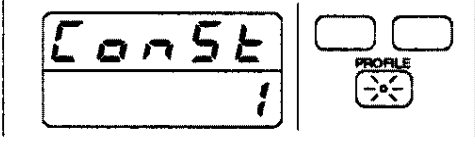
"0" flashes on the lower display.
- ④ For setting the constant value control

Press **▲** key once.



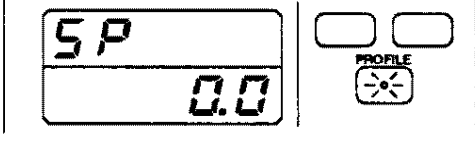
"1" flashes on the lower display.
- ⑤ For loading 1 of constant value control

Press **ENTER** key.



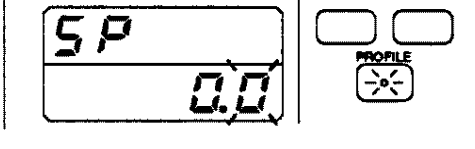
Flashing goes out. The display goes out below PROG and SEG.
- ⑥ For indicating an SP value

Press **PID** key.



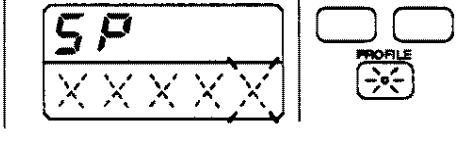
The upper display indicates SP, while the lower display indicates 0.0.
- ⑦ For setting the instrument to be ready for setting an SP value

Press **ENTER** key.



The least significant digit (LSD) of the lower display flashes.
- ⑧ For setting the SP value

Shift the numeric by **▲** or **▼** key, and also, shift the digit by **◀** or **▶** key.



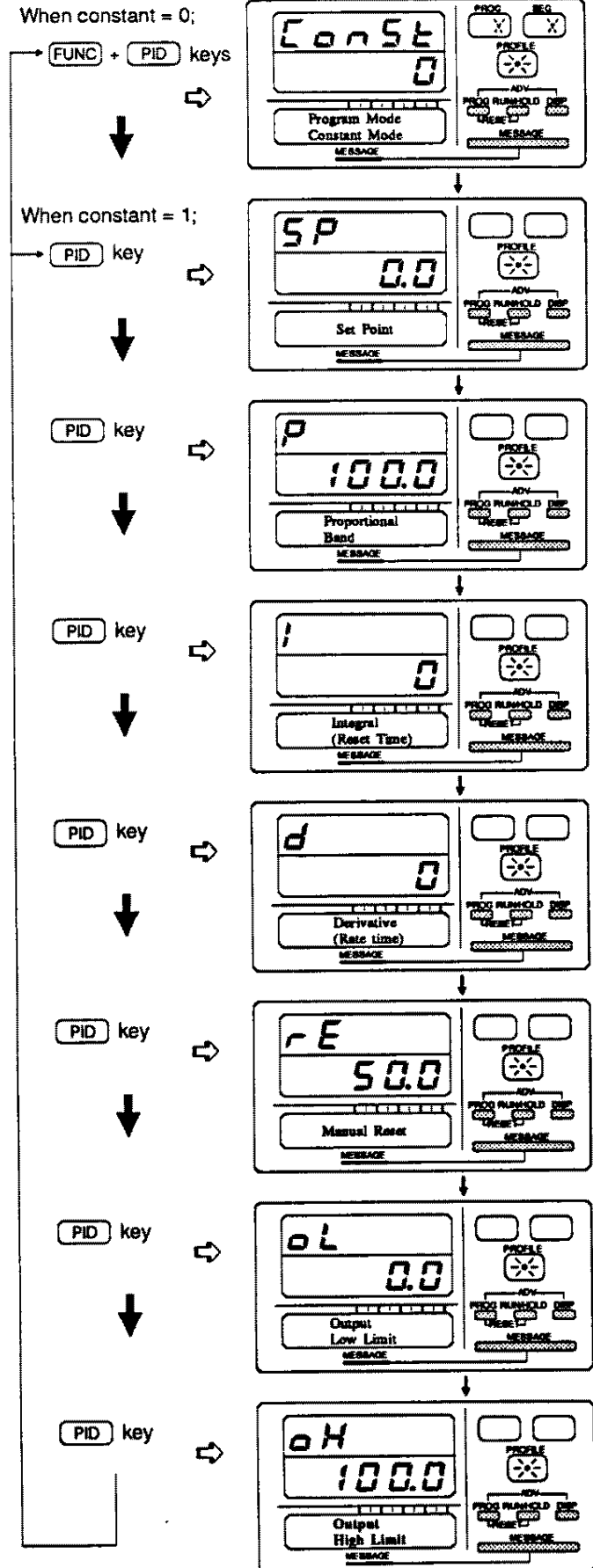
A desired SP value is indicated.

Control constants in constant value control

References

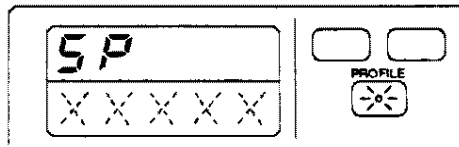
- PID constants are loaded by auto tuning for optimum control after starting a run.
- A PID loading destination is indicated by pressing **PID** key after step ⑤. For changing the indication contents, press **ENTER** key. The numeric can also be loaded by pressing **ENTER** key.
- Since this PID item is separated from the PID item of the program controller, it can be reset as before without affecting the instrument.
- Segment events do not function at this time. Instrument event types 64 to 83 and state events function. However, HOLD does not function, because it is absent during the constant run.
- A power failure during a constant run is irrespective of the setting of SETUP C64 and the instrument continues running from the condition in the occurrence of a power failure after power recovery.
- For resetting the original program controller by stopping the constant control, perform ① to ②, change from 1 to 0 in ③, and press **DISP** key in step ⑥ after step ④.

Change in the ready mode.



⑨ For loading the SP value

Press **ENTER** key.

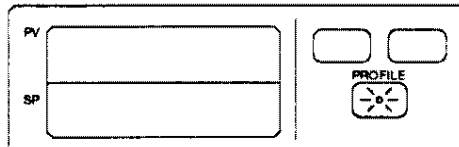


Flashing goes out.



⑩ For setting the initial indication

Press **DISP** key.

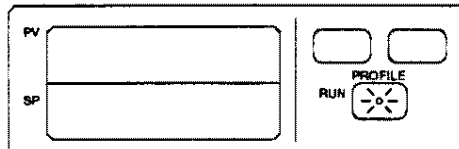


Program No., segment No., and profile goes out, while PV and SP values are indicated.



⑪ For setting a run

Press **RUN/HOLD** key.



RUN LED lights.

