

Date: April 29, 2004
To: Those listed
Issued by: CC Chang – International Business Department
Subject: SDC35/36 Step Control Package for the EST240Z

Purpose: To announce the availability of the SDC35/36 step control package for the EST240Z medium-size smart terminal.

Summary: The SDC35/36 single loop controllers contains step control function. Combining with the EST240Z that the step control package applied to, the function is enhanced in operation interface, program pattern management and PLC link.

1. Required actions and notes

(1) DCP applications

- Do not replace the existing DCP application with the SDC35/36.
- Propose the DCP Series for the stand alone program control applications requiring individual guarantee soak for each step or time event.

(2) Dedicated for the EST240Z

- The step control package is applicable only to the EST240Z medium-size smart terminal, and is not applicable to the EST555Z large-size smart terminal.

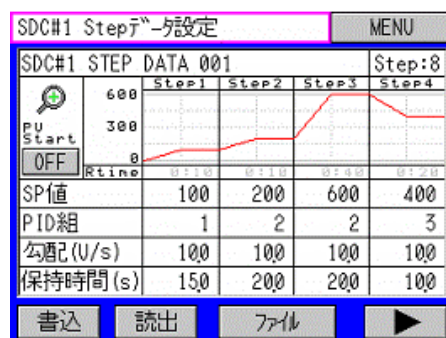
(3) Free offer

- The step control package is offered free. Contact CP-IBD for the step control package.
- User registration is required for the step control package distribution because of our maintenance support in the future.
- The demonstration version restricted to the single SDC35/36 connection can be distributed without user registration.

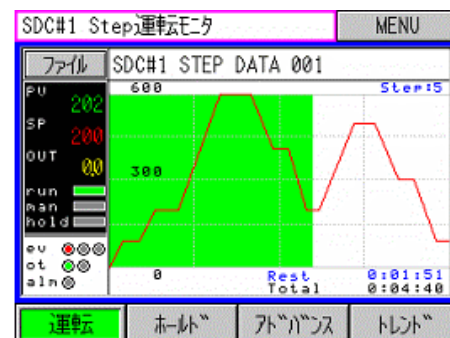
2. Features

(1) Easy setup, operation and monitoring on the EST240Z

- Parameter setup (SP, time, ramp, PID group) with the pattern chart
- Operation (RUN/READY, advance, hold) with a single touch
- Monitoring (SP, PV, alarm, event, step control progress) with a visible display



Parameter setting display



Operation and monitoring display

(2) Easy customization

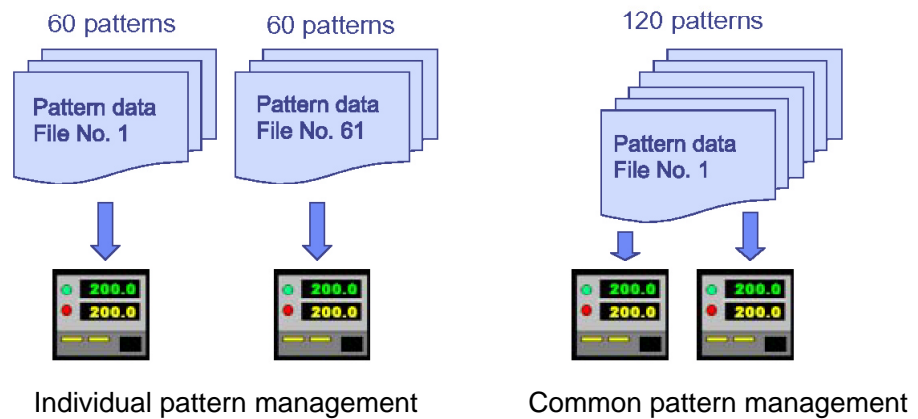
- The step control package is an application constructed of dedicated smart objects.
- The application is easy to customize by deleting or adding panels with the AP editor.

(3) Multi-drop connection

- Up to eight SDC35/36 units can be connected to a single EST240Z unit.
- Instrumentation cost per control loop is reduced.

(4) Pattern management

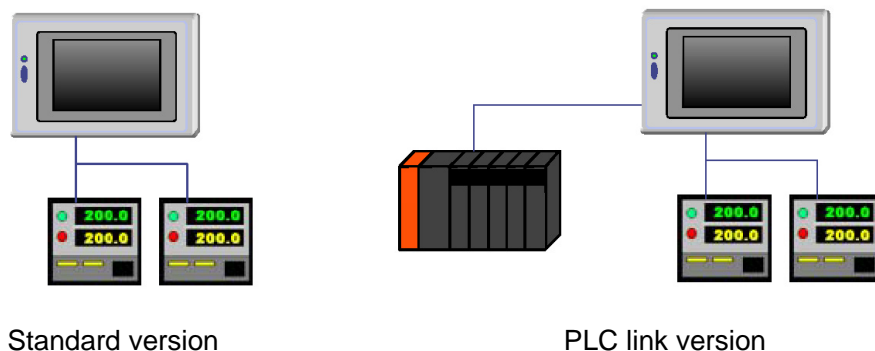
- Up to 120 patterns can be saved with pattern names in a single EST240Z unit.
- Patterns can be written in individual or all SDC35/36 units, facilitating pattern management.



- Patterns setup is also possible with the AP editor, reducing initial setup work.

(5) PLC link version

- Two versions: The standard versions and the PLC link version are available.



- For the PLC link version, following operations are possible:
 - Data transmission from the EST240Z to the PLC, depending on patterns
 - Pattern selection or RUN/READY switchover (using gateway function) by the PLC

3. Advantages

(1) For the end users — User friendly

- User friendly comparing with the key operation on console
- Total data management of the multiple controllers

(2) For the equipment manufacturers — Engineering work reduction

- PLC programming work for program control or controller communication is reduced.

4. Target applications

Simple program control applications

- Furnace and oven
 Small electric furnace, box furnace, batch furnace
- Laboratory and testing
 Temperature chamber, dryer