

**CS3000 Fundamental
Training Manual**

TE Y109JA01-3KFD

2.4.5 Hardware Specification:

Processor card: This performs control operations. There are two types of processor cards:

CP333D with 16 MB RAM and CP334D with 12MB RAM.

Status Lamps on the Processor Card

HRDY: The processor card performs self diagnosis. If the processor card hardware is functioning normally, the green light turns on. If abnormality is found, the light turns off.

RDY: The green light turns on if both the hardware and software are functioning normally. If either of them is abnormal, the light turns off.

CTRL: In the duplex LFCD, the green light turns on if the processor card is the control side and turns off if it is the waiting side. When starting up the duplex LFCD, the right side becomes the control side. In the single LFCS, the green light is always on.

COPY: In the duplex LFCD, the green light turns on when program copy is executed and turns off when program copy is completed.

When a processor card has been replaced or when the unit is stopped then started again, the standby-side processor card automatically copies the program of the control-side processor card. When copy is completed, the light turns off. In the single LFCS, the light is always off.

START/STOP: This maintenance switch is used for forcing stop or restarting the processor card CPU. If this switch is pressed when the processor card is still operating, the CPU will stop.

If this switch is pressed when the processor card is not operating, the CPU will restart. This switch is located on the CP card.

CN1 Connector:

It is used for maintenance purposes only.