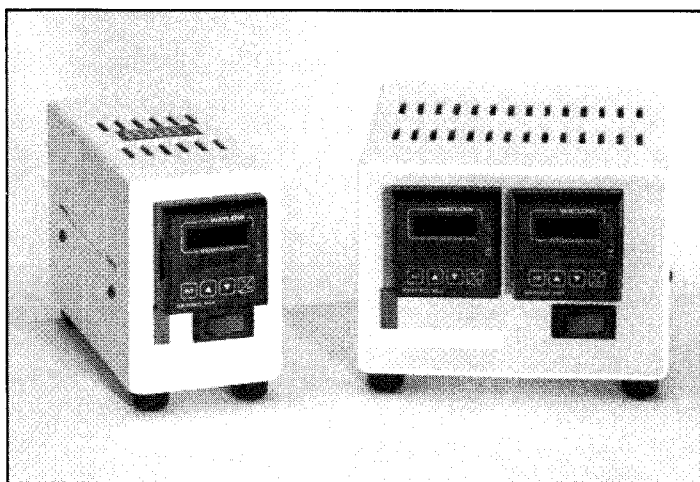


# The Pacesetter

Digital Temperature Controller

*CIC Photonics, Inc.*



## Benefits

- Precise temperature control
- Protect components from overheating
- Simple, single-use programming
- Easy to read digital display
- -200 to 1250° C temperature range
- Automatic self-tuning

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## Operation

The Pacesetter is a microprocessor-based instrument that provides accurate and reliable control of an accessory's temperature. All calibration, tuning, operating values and control commands, as well as special function programming, are entered through keys on the front panel.

One of the most useful features of the Pacesetter is its self-tuning capabilities. From a cold start, the controller tests the response of your device by heating for a length of time and letting it cool down.. It then calculates the appropriate values for bandwidth, integral and derivative. Cycle time is set manually. On the back panel is the removable power cord, dual fuses, temperature sensor input and device output. The standard controller uses a type K thermocouple, but other thermocouples, RTD's or thermistors may be specified.

The Pacesetter's digital display shows key words to help you calibrate, tune or program the instrument. By scrolling through programmed sequences of displays, you can check that the necessary parameters have been set.

- Celsius or Fahrenheit display
- Accurate to +/- 0.1% C with type K thermocouple
- Resolution of 1° C
- With an RTD input, resolution is 0.1° C and the accuracy is +/- 0.1% C

## Ordering Information

25B600W	Single Channel	(110 v)
25B601W	Single Channel	(220 v)
25B700W	Dual Channel	(110 v)
25B701W	Dual Channel	(220 v)

Finding the Path to Optimum Results

