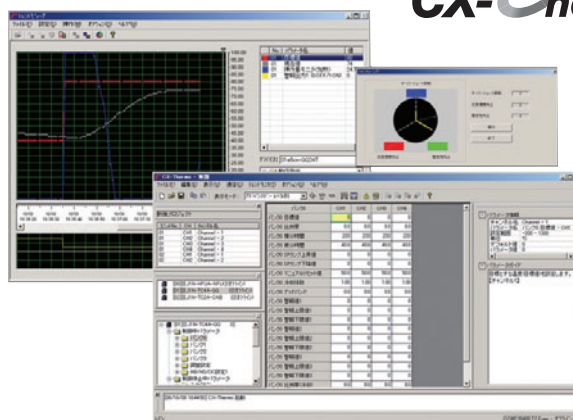


## Monitoring/Setting Support Software for General-purpose temperature adjustment controller Temperature Controllers Enabling Faster Parameter Setup, Device Adjustment, and Maintenance



- Enables editing and batch-downloading parameters from a personal computer, reducing the work required to set parameters. Usability is improved with table-formatted parameter editing from version. 4.0.
- Supports Trend Monitoring:  
Easily monitor the data from up to 31 Controllers \*1, including PVs, SPs, MVs, PID parameters, and alarm ON/OFF status.
- Supports parameter masks to hide parameters unnecessary to display. (Supported only by the E5□N/□N-H/□N-HT, E5□R/□R-T and E5□C).
- Logic operations enable setting inputs from external inputs (event inputs) or temperature status, outputs to external outputs (control or auxiliary outputs), and changing operating status with ON/OFF delays. (Supported only by the E5□N/□N-H/□N-HT and E5□C).
- Easy adjustment of control performance by fine-tuning. \*2

\*1. EJ1N: Up to 64 Controllers, EJ1G: Up to 17 Controllers, E5ZN: Up to 16 Controllers.

\*2. Fine-tuning instructs the CX-Thermo to calculate a PID parameters by directly inputting commands to improve response.

## Ordering Information

### List of Models

Name	Model
CX-Thermo Support Software	EST2-2C-MV4

## Specifications

Compatible devices	Temperature Controllers	E5GN (available from Sep. 2009) E5CN (available from April 2004) E5EN, E5AN (available from February 2005), E5CN-H, E5EN-H, E5AN-H E5CN-HT, E5EN-HT, E5AN-HT E5ER, E5AR E5ER-T, E5AR-T E5ZN E5CC, E5EC EJ1N-TC4, EJ1N-TC2, EJ1N-HFU EJ1G-TC4, EJ1G-TC2, EJ1G-HFU G3ZA (only when connected to EJ1N-TC4, EJ1N-TC2, EJ1G-TC4, EJ1G-TC2) G3PW (only when connected to EJ1N-TC4, EJ1N-TC2) <b>Note:</b> Models with DeviceNet communications are not supported.													
	Personal computer system requirements	<table border="1"> <tbody> <tr> <td>OS</td> <td>OS: Microsoft Windows XP (Service Pack 3 or higher), Vista, or 7 CPU: A processor recommended by Microsoft Memory: A memory recommended by Microsoft</td> </tr> <tr> <td>CPU</td> <td>300 MHz min.</td> </tr> <tr> <td>Memory</td> <td>128 MB min.</td> </tr> <tr> <td>Harddisk</td> <td>300 MB min. available space</td> </tr> <tr> <td>CD-ROM</td> <td>One CD-ROM drive min.</td> </tr> <tr> <td>Monitor</td> <td>XGA (1024 × 768), High Color 16 bit min.</td> </tr> <tr> <td>Communications ports</td> <td> <ul style="list-style-type: none"> <li>• RS-232C port, or USB port, 1 port min.</li> </ul> </td> </tr> </tbody> </table>	OS	OS: Microsoft Windows XP (Service Pack 3 or higher), Vista, or 7 CPU: A processor recommended by Microsoft Memory: A memory recommended by Microsoft	CPU	300 MHz min.	Memory	128 MB min.	Harddisk	300 MB min. available space	CD-ROM	One CD-ROM drive min.	Monitor	XGA (1024 × 768), High Color 16 bit min.	Communications ports
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Communications ports	<ul style="list-style-type: none"> <li>• RS-232C port, or USB port, 1 port min.</li> </ul>														
Connection method	<ul style="list-style-type: none"> <li>• An E58-CIFQ1 USB-Serial Conversion Cable is required to connect a computer to the setup tool port the E5□N, E5□N-H, E5□N-HT, or EJ1.</li> <li>• An E58-CIFQ2 USB-Serial Conversion Cable is required to connect a computer to the setup tool port the E5CC, E5EC</li> <li>• A K3SC Interface Converter is used to connect a computer to models with RS-422/RS-485 communications.</li> <li>• An E58-CIFIR USB-Infrared Conversion Cable is required to wirelessly connect a computer to models with infrared communications (E5EN-H/EN-HT or E5AN-H/AN-HT).</li> </ul>														

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2012.3

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