CV5000 MONITOR

Installation

1. Download CV5000Monitor from www.okinternational.com/metcal/english/resources/software

2. Select a destination and extract the files.

3. Run Setup
   - User Selected Destination from 2
     - CV5000Monitor_Installer
       - Volume
         - Setup

4. Complete the Installation Process and Verify COM port in Device Manager

5.   
   Connect

6. 
   Run

7. Power on System 
   

Minimum Hardware Requirements

Operating System	Windows XP, Windows 7, Windows 10
CPU	Core 2 or AMD @2.4Ghz
Memory	>500M RAM
Hard Drive	500MB of free space
Graphics	DirectX 10-compatible GPU: GeForce 9800GT 1GB or ATi Radeon HD 4870 1 GB
CV Firmware	V:1.41.00 or greater

Setup

①

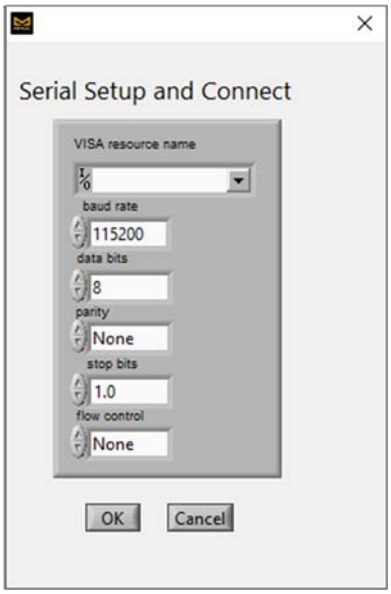
Select COM port from ❹

Verify the following settings.

Baud Rate	1115200
Data Bits	8
Parity	None
Stop Bits	1.0
Flow Control	None

OK — Connects the software to the CV system

Cancel — Runs the software with no system connection



Operation

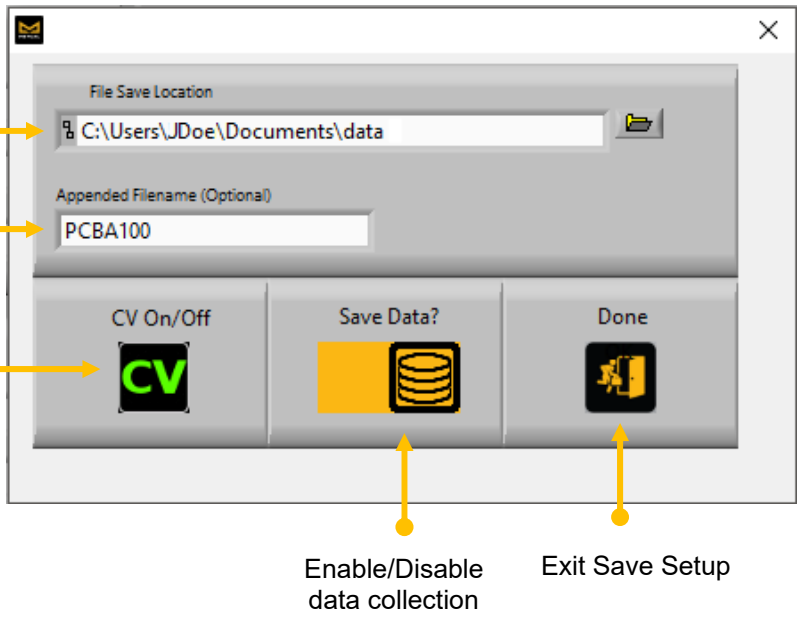
1

Save Setup

Select the file save location

Append an optional file name to uniquely identify solder events

Enable/Disable Connection Validation

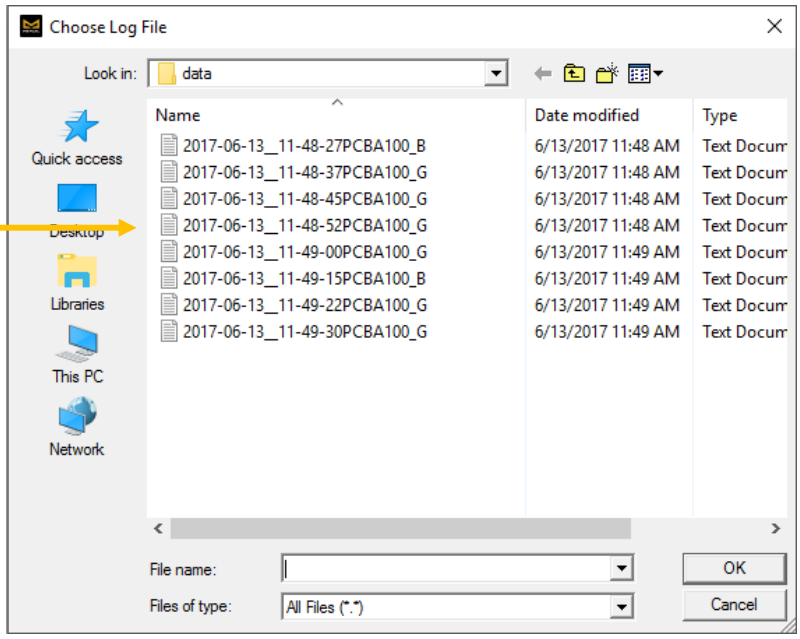


Enable/Disable data collection

Exit Save Setup

File Open

- Solder Events, with data collection enabled, are saved in Year-Month-Day-24hr Time format.
- A name is appended to the event when selected from the Save Setup screen.
- Good IMC formation is indicated by _G.
- Bad IMC Formation is indicated by _B.
- Saved files are replayed in the graph and sequence areas.



2

Cartridge Information

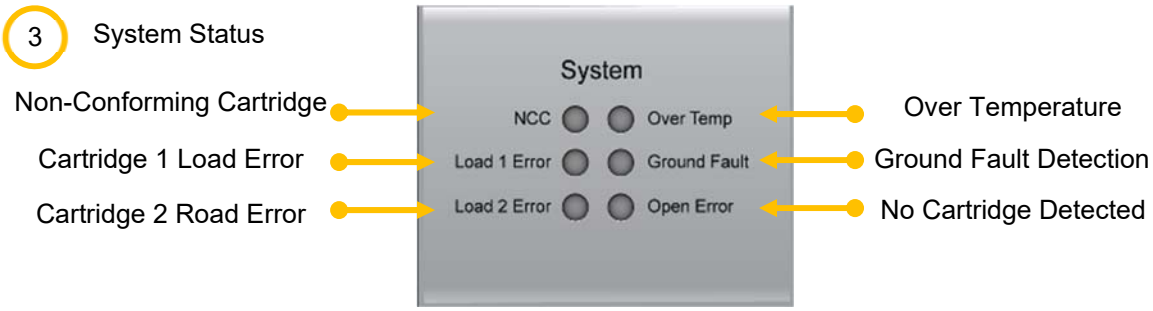
Cartridge Part Number

Cartridge Serial Number

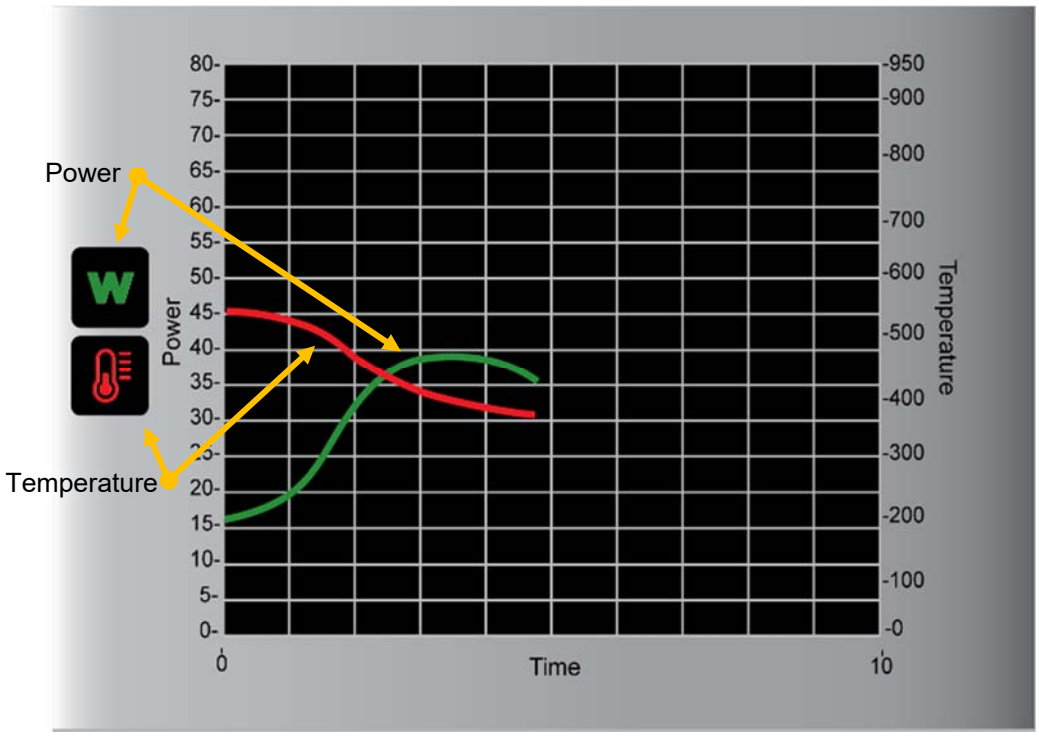
Cartridge Lot Number

Active Cartridge
The Active Cartridge indicator displays the active cartridge.

3 System Status



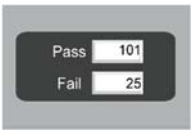
4 Performance Graph



The Performance Graph displays the power and temperature from the initiation of a solder event for each solder joint. Selecting the Power or Temperature icons will enable or disable the display of the parameter.

5 Connection Validation Sequence & Pass/Fail Counter

The Connection Validation Sequence displays the Connection Validation sequence in conjunction with the power and temperature graph. The sequence will reset for each solder event. A failure in the Connection validation sequence is indicated by a red icon.



The Pass/Fail Counter tracks the number of success and failure per session.