

## PERFORMANCE ENHANCEMENTS

### Sustainable Solutions is Our Ongoing Commitment

Concept Part Solutions is dedicated to extending the lifetime of your maturing semiconductor manufacturing equipment. As your toolsets age and new processes emerge, we pursue every opportunity through our Continuous Improvement Program (CIP) to offer important enhancements that increase the reliability, productivity, and performance of your install base.



## Concept One Dielectric

### Flat Panel Display



**Front Panel Monitor**

**The Flat Panel Display is a direct, drop in replacement for the C1 system Front and Side UI CRT monitors. The Flat Panel Display is an upgrade that provides immediate ROI through improved operator interface and energy savings.**

The Touch System upgrade to Flat Panel LCD monitor will improve visibility of the UI screen. As the older CRT monitors age, the screen loses picture quality and is susceptible to image ghosting. UI screens that have limited viewing and brightness can lead to loading of incorrect wafer counts or wrong recipes input by the user.

The Flat Panel Display addresses many of the issues seen in the old CRT configuration. The LCD Flat Panel has a brighter picture and is significantly less likely to produce screen burn in images. The Flat panel monitor has a larger 15-inch screen for increased viewing area. The LCD flat monitor is RoHS compliant and CE marked.



**Side Panel Monitor**

### Upgrade Benefits

- Image size 12" by 9" compared with CRT 10.2" by 7.7" providing an improved viewing experience
- Reduced wattage LCD 30watts versus 70 with CRT significantly reducing energy consumption - up to a 60% in energy savings
- LCD MTBF 50,000 Hrs. 30k Hrs to half brightness
- Disposal costs compared to CRT



Corporate Headquarters  
Concept Part Solutions, Inc.  
2047 Zanker Road  
San Jose, CA 95131  
Tel: 408.855.8585  
[www.conceptpartsolutions.com](http://www.conceptpartsolutions.com)

## Concept One 150mm and 200mm Flat Panel Display

### Get More Information on System Performance Enhancements

To find out how to improve the performance and productivity of your CPS supported systems, call your local CPS Sales and Service Office for complete ordering information, or visit [www.conceptpartsolutions.com](http://www.conceptpartsolutions.com).

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### System Prerequisites:

- Software Requirements:
  - For C1D - Version 4.431 or higher
  - For C1W – Version 4.430 or higher
- Computer Revision: 486 or newer
- CA 303-2 (03-00304-02) communication cable, between Digi-board and Touch screen. If a CA 112 cable with a DB25 connector is installed instead of the CA 304 then the 03-00287-00 interface cable will be required.

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### Ordering Information:

<b>Flat Panel Display, Front</b>	<b>05-317075-00</b>
<b>Flat Panel Display, Side</b> <i>(if current configuration is Monochrome)</i>	<b>05-119299-00</b>
<b>Flat Panel Display, Side</b> <i>(if current configuration is VGA or 10" LCD)</i>	<b>05-119299-02</b>

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Some Upgrades may require an audit of your System; Contact your local CPS Representative to verify the Upgrade Kit before ordering.