

Parker Factory Display Specifications

Categories	Features	32" Display (PFD32)	40" Display (PFD40)	46" Display (PFD46)
Display	Specification	32" Color TFT 31.5" (800mm) Diagonal 1366x768 Native Resolution Brightness: 500 cd/m2, Contast Ratio: 600:1 Viewing Angle: +/- 88° L/R, 88° U, 88° D	40" Color TFT 40.0" (1016mm) Diagonal 1366x768 Native Resolution Brightness: 500 cd/m2, Contast Ratio: 1200:1 Viewing Angle: +/-89° L/R, 89° U, 89° D	46" Color TFT 46.0" (1168mm) Diagonal 1366x768 Native Resolution Brightness: 500 cd/m2, Contast Ratio: 1200:1 Viewing Angle: +/-89° L/R, 89° U, 89° D
Operating System		Windows CE version 5.0		
Processor Support	Processor Cache	CPU 500MHz LX800 processor 256KB (L1/L2)		
Memory	System Video	256MB Shared DDR Memory (1) 200-pin SODIMM socket, 256MB (std.) 24MB Shared System Memory		
Storage Options	CompactFlash Floppy/CD ROM	512MB* CompactFlash External Type II slot (IDE Bootable) External connection via USB		
Ports	Keyboard Mouse USB Serial Ethernet Audio	USB 2.0 USB 2.0 (2) USB 2.0 ports Type-A, CD/Floppy/USB Drive bootable with over current protection (1) RS232 9-Pin D-sub (1) RS232/422/485 9-Pin D-sub (1) 10/100Base-T w/ RJ45 Stereo output, 1/8" mini plug		
BIOS Options		Plug-n-Play Configurable Boot Devices: • CompactFlash • USB (CD/ROM, Floppy, Thumb Drive)		
Package	Temperature Range Rel. Humidity	0-40°C 20-80% (32"), 10-80% (40" and 46")		
Power Requirement		100-120VAC and 220-240VAC @50/60Hz		
Agency Approval		EN61000-6-3, EN55011, EN55022 Class B EN61000-6-2, EN61000-4- 2,3,4,5,6,8 & 11 EN60950-1 UL508 Listed UL 60950-1 NEC Class 2 CE marked for EMC (89/336/EEC)		



* Actual storage volumes may be higher

See for yourself why PFD offers a technology leap for Factory Displays Systems . . . Visit us at **parkermotion.com/PFD** or call us at **800-233-3329**.



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ENGINEERING YOUR SUCCESS.

Parker Factory Display

Production and Lean Visualization Systems



Visual Impact: Your Next Productivity Advantage

One of the best ways to cut the high cost of downtime and scrap, is to empower workers with real-time, situational awareness for faster response to downs and non-conforming conditions on the factory floor. That's why the new Parker Factory Display (PFD) visualization system pays for itself so quickly.

PFD offers unprecedented flexibility and impact for delivering critical messages to associates on the factory floor. Whether presenting Andon displays, lean metrics, production status, OEE data, safety policies or employee announcements, the Parker Factory Display is much more than a "scoreboard" that simply displays text.

Contact Information:

Parker Hannifin Corporation
Electromechanical Automation Division
50 W. TechneCenter Drive
Milford, OH 45150
1-800-233-3329.
www.parkermotion.com/HMI

Product Features:

- **Information Anywhere! - Move information around or even off the plant floor with integrated Web Publishing capabilities.**
- **Intuitive development tools and templates allow easy screen customization and configuration.**
- **Customer Designed Templates allow corporate-wide, standard metrics to be deployed Faster and Easier than any other technology.**
- **Direct PLC connectivity automates data collection - over 40 drivers included at no charge.**
- **HD image quality supports stunning graphical capabilities and rich media for high impact presentations.**
- **Continuous Improvement database can be distributed to multiple locations - even exported to common formats for further analysis.**
- **Sophisticated security allows 6 different access levels including "view only" for remote users.**
- **Offered in 32", 40" and 46" widescreen sizes with 16.7 Million colors. (Contact us for larger display requirements)**
- **Thermal sensors and fans provide cooling in Industrial environments.**
- **Power can be scheduled to match downtime - saving energy.**
- **VESA 200mm mounting**



ENGINEERING YOUR SUCCESS.

A “Next Generation” Solution for Plant Floor Display Applications

The new Parker Factory Display (PFD) offers unparalleled visual impact that enhances the message, while its distributed architecture easily integrates into your existing manufacturing and IS infrastructure. Whether

- Lean Metrics
- Production Status
- OEE Data
- Andon Displays
- Safety Displays
- Announcements
- Fully User Configurable

remotely publishing displays from anywhere via the Web or visualizing non-conforming parts on a production line, the Parker



Factory Display does so much more than other production board displays and Andon systems . . . and at a lower cost!

Factory Visualization Improves Workforce Productivity

- Faster downtime response
Rapid ROI based on high cost per minute of lost production
- Lean manufacturing visualization improves worker response time
- Empowered and informed workforce
- Andon functionality



Web Publishing To Manage Display Content Remotely

- Information Anywhere!
- Distribute information where YOU need it.
- Remotely display and manage your Visualization from anywhere you have Internet Access.
- Configure your applications locally or from a central location and distribute to the point of display.
- Push standardized corporate templates to multiple locations.
- Use Photos, Videos and Rich Media within your application - Leads to reduced downtime via earlier recognition or fault and problem conditions.
- Aggregate information from multiple locations across the internet, intranet or other network connections.



Viewable Distance

Model	Max. Character Size	Max. Viewable Distance
PFD32	6"	200'
PFD40	7.5"	328'
PFD46	8.625"	375'

Parker Factory Display Software

Parker Factory Display comes with pre-installed software that fully leverages the wide availability of web browsing software for remote support and application sharing on the Internet and IP Networks. PFD applications can be developed, edited, published using its built in Web Server.

14:08:19

ASSEMBLY LINE STATUS

ORDERS COMPLETED 3244

TARGET THIS MONTH 7500

Go to Control Screen

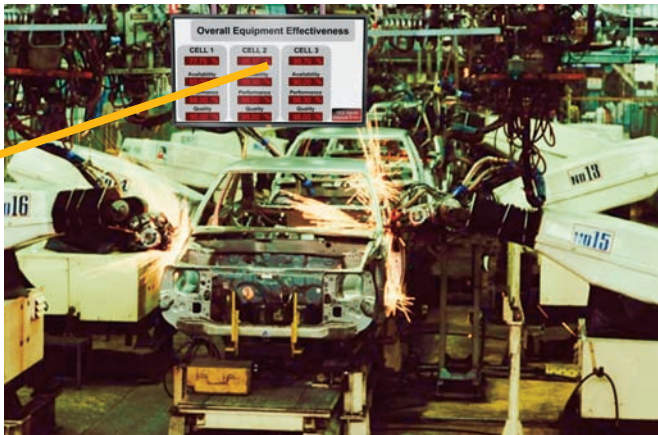
LINE 1 PART JAMMED

Line tooled for Part # 112745

LINE 2 COOLING SENSOR

Line tooled for Part # 238119

Time On	Description	Priority	Group
14:08:00	Cooling Sensor	WARNING	LINE 2
14:08:00	Component Jam	WARNING	LINE 1



Parker Factory Manager PC Development Software

Parker Factory Manager (PFM) is Windows-based software that comes with every Parker Factory Display. PFM allows you to develop, edit and publish PFD applications from any PC. This stand-alone tool enables development of your Parker Factory Display even when you are not connected to it or on the corporate network.

Quick Development Tools

Have your Vizualization System up in running in record time, with our HMI-inspired development environment. Pre-configured tools allow you to create a custom displays faster than other systems

using a simple “Drag and Drop” interface. Every PFD comes ready to connect directly to plant floor data sources with over 40 communications drivers for the most popular PLC’s and motion controller—all included at no extra cost.

We’ve also provided templates for many common applications in order to save you even more time.

Templates include:

- OEE Calculation
- Safety Displays
- Production Displays
- First Article Quality



The PFM development environment is identical in all tools: Offline development package, on the Display or web published into Internet Explorer.

Development System Software Requirements

Windows 2000/XP Pro