ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Pickering 40-908-001* at our website: ***Click HERE***

40-908
High Performance 8 Slot PXI Mainframe

- High Performance 8 Slot PXI/cPCI Backplane
- Dual 175 Watt Power Supplies
- Power Supplies Hot Swap Capable
- Voltage Monitoring Included
- Low Profile Rugged Enclosure
- Low Audible Operating Noise
- Mechanical Expansion For Multi-Slot Modules Such as The BRIC™ Matrix



Pickering Interfaces Model 40-908 PXI Chassis features the industry-standard, eight-slot PXI/cPCI backplane integrated into a 3U cardcage.

The 41-908 includes all the features and performance required by version 2.1 of the PXI standard and supports a control interface or embedded controller and up to 7 more 3U peripheral modules. Mechanical expansion space on the right hand side allows the chassis to accept multi-slot modules, such as the BRIC, while only occupying one electrical slot.

The 40-908 chassis can be controlled from a PC using Pickering Interfaces PCI to PXI Control Interface 41-921.

Each Hot Swap Capable 175 watt power supply, is capable of supplying entire system power, allowing power supply replacement without interrupting system operation. Power supply voltage and fault monitoring is through front panel LEDs.

The 40-908 chassis is supplied fitted with three 55cfm fans to ensure efficient cooling of the chassis and modules.

For applications such as office or laboratory environments where acoustic noise levels are critical, the chassis can be supplied with either lower speed fans or with fans whose speed can be set to full, medium or slow with easily accessed internal switches.

Air intakes include a washable filter that can be easily accessed from the fan tray.



ISSUE 4.5 OCT 2010

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Backplane

Bus Design: Incorporates all the features of Revision2.1 of the PXI specification. The backplane is 64-bit with PXI triggers, Star Trigger, Local Bus & internal PXI clock.

Cooling

Airflow: Bottom intake, side/rear exhaust, pressurized cardcage.

Fans: (3) 55cfm fans (165cfm total).

Acoustic Noise: 55.0 - 56.3dB @ 1meter (A weighting)

Air Filter: Bottom accessible, washable media.

Low Acoustic Noise Versions:
Available with selectable fan speed (3 speeds set by internal switches).

Available with low noise fans.

Power Supply

AC input: 90 - 264VAC, universal input, Line Fuse protected.

Cooling: Convection, with chassis forced air.

Supplied with two 175W power supplies (Type 59102) with the following total capacity:

DC Outputs	Dual Supplies
+3.3V	50A
+5V	50A
+12V	6A
-12V	2A

Note: Combined 3.3V and 5V current, 54Amps Maximum.

Power Factor: 0.99 (typical).

Efficiency: 70% (typical).

Operating/Storage Conditions

Operating Conditions (operating with specified airflow)

Operating Temperature: 0°C to +55°C
Humidity: Up to 95% non-condensing
Altitude: 5000m

Storage and Transport Conditions

Storage Temperature: -20°C to +70°C
Humidity: Up to 95% non-condensing
Altitude: 15000m

Power Supply Monitoring

Interface: Front panel LED indicators.

Functions: Power supply DC output voltage verification (90% nominal).

Indicators: Green LEDs for Power OK, Red LED for Fault.

Physical Parameters

Cardcage: Front loading 3U x 160mm, flush, 8 slots, IEEE 1101.1, 1101.10 and 1101.11

Dimensions: 257.8mm (10.53"D)
442.2mm (17.41"W)
with out rack mount flanges.

482.6mm (19.00"W)
with rack mount flanges.

191.6mm (7.54"H) including feet.

177mm (6.97"H) foldable feet removed.

Weight: 8.44kg (18.6 lbs.),

Safety & CE Compliance

All modules are fully CE compliant and meet applicable EU directives: Low-voltage safety EN61010-1:2001, EMC Immunity EN61000-6-1:2001, Emissions EN55011:1998.

Product Order Codes

8 Slot, 3U, 350W, PXI Chassis	**40-908-001**
Chassis with 3 speed fans	**40-908-101**
Chassis with low noise fans	**40-908-201**
PCI to PXI Control Interface Kit	**41-921-001-KIT**

For full details of our fast PCI to PXI control Interface see the 41-921 data sheet.

Mating Connectors & Cabling

Please refer to the Pickering Interfaces "**Connection Solutions**" catalog for a full list of connector/cabling options, including drawings, photos and specifications. This is available in either print or as a download.

Alternatively our web site has dynamically linked connector/cabling options, including pricing, for all Pickering PXI modules.



Latest Details

Please refer to our Web Site for Latest Product Details.
www.pickeringtest.com

© Copyright (2010) Pickering Interfaces. All Rights Reserved
Pickering Interfaces maintains a commitment to continuous product development, consequently we reserve the right to vary from the description given in this data sheet.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP