



ADAM-8

Automated Data Acquisition Module v8.0

FEATURES

Logs production data to networked PCs / file servers for statistical process control

PLC® drivers available for over 65 different manufacturers

Develops historical trending for use in business system applications

Links data by unique identifier such as barcode, serial number, and VIN

**FILL, TEST, MEASURE,
COLLECT DATA, BROADCAST RESULTS**



The ADAM-8 Automated Data Acquisition Module is installed on a PC, housed in a rugged industrial enclosure, which can be mounted directly on a production machine or accessed remotely via Ethernet connection. This data collection software suite enables manufacturing companies to reliably collect, monitor, and evaluate process data and can be fully customized to meet specific fluid and gas handling application requirements.

Available for both the Windows® operating system and Linux Ubuntu®, ADAM-8 has the versatility to retrieve data from a Programmable Logic Controller (PLC), store it in a standard database structure, generate printable reports, and conveniently display the data in a common web browser. ADAM-8 can be accessible from the company network, on a stand-alone PC with a distinct IP address, or run offline by connecting the ADAM-8 PC directly to the PLC that controls the fluid or gas processing system.

With networked installations, the web interface can be viewed remotely by entering the IP address of the ADAM-8 PC into the address bar of the following standard web browsers:

- Internet Explorer®
- Google Chrome™
- Opera™
- Mozilla Firefox®
- Safari®

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System Administration

- MySQL Administration - Import, Export, and Maintain the Database
- PHP Status Information - phpinfo.php
- CUPS - Common UNIX Printing System Web Interface
- WebMin - System and Network Administration
- View Status and Error Logs
- View Database Backup Files
- MultiFill System
- Alarm Log

Refrigerant Fill Cycle, Barcode: 1DW544KHLED661918

Date / Time	Barcode	Overall Pass/Fail
2014-07-08 11:40:54	1DW544KHLED661918	2 [PASS]
Evacuate and Check Tests		
Initial Evacuation Time	0 seconds	
Secondary Evacuation Time	39.998 seconds	
Vacuum Leak Check Time	4.997 seconds	
Vacuum Leak Check Start Level	0 mmHG	
Vacuum Leak Check End Level	0.899555 mmHG	
Final Evacuation Time	19.998 seconds	
Final Evacuation Level	33.6632 mmHG	
Total Evacuation Cycle Time	67.203 seconds	
Charge Station, Vacuum Cycle Pass/Fail	2 [PASS]	
Fluid Fill		
Oil Fill Quantity Preset	50 ml	
Oil Fill Quantity Actual	0 ml	
Oil Fill Cycle Pass/Fail	0 [NO DATA]	
Refrigerant Fill Quantity Preset	4 oz	
Refrigerant Fill Quantity Actual	3.75269 oz	
Fill Cycle Time	1.996 Seconds	
Refrigerant Fill Cycle Pass/Fail	2 [PASS]	
Cycle Time	102.011 Seconds	
Sequence Number	270	
ID	51	

View PDF Report PDF to File

Daily Pass/Fail Summary

Showing 1 to 26 of 26 entries
Show 350 entries

Copy to clipboard CSV (Rtfed) PDF (Rtfed) Filter:

Date	Fluid Type	Total Cycles	Total PASSED	Total FAILED	Percentage PASSED
2014-06-30	AXLE #2	23	20	3	86.96%
2014-06-30	RADIATOR	17	16	1	94.12%
2014-06-30	HYDRAULIC ISO46	20	20	0	100.00%
2014-06-30	HYDRAULIC FR68	20	20	0	100.00%
2014-06-30	AXLE #1	22	22	0	100.00%
2014-06-30	HEV	17	15	2	88.24%

FEATURES

Creates web-based reports for remote data monitoring and analysis

Easily generates reports to PDF and Microsoft Excel® spreadsheet formats

Communicates with any application that supports standard Open Database Connectivity (ODBC) sources:

- Microsoft Access®
- Microsoft SQL®
- MySQL®
- Oracle®

TECHNICAL SPECIFICATIONS

Windows 7 operating system minimum requirements

Processor (32 bit / 64 bit) 1 Ghz

RAM (32 bit / 64 bit) 1 GB / 2 GB

Hard disk (32 bit / 64 bit) 16 GB / 20 GB

Linux Ubuntu operating system requirements determined during system installation.

Please contact PCU, Inc. for assistance with unique process requirements and custom application engineering.

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