



PORTABLE POWER
ELECTRONIC/ELECTRIC SERVICE TOOLS



Portable Power
501 Sanford Avenue – P.O. Box 868
Mocksville, NC 27028
800-633-5206
www.portablepower.irco.com



Ingersoll-Rand Company

Portable Power
501 Sanford Avenue
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800-633-5206
336-751-1579 Fax

Electronic/Electric Service Tools

The name Ingersoll-Rand has always stood for quality – not only in our products, but also in the parts, tools, and the service support we provide long after the sale. The Portable Power Aftermarket team is excited to introduce Electronic Service Tools.

These special service tools are recommended by Ingersoll-Rand to help you perform service procedures on the electrical and electronic systems of Portable Power compressors and generators.

For more details, please see the enclosed packet of service tools with descriptions and net prices.

If you should have any questions, please call your Portable Power Customer Support team at 800-633-5206.

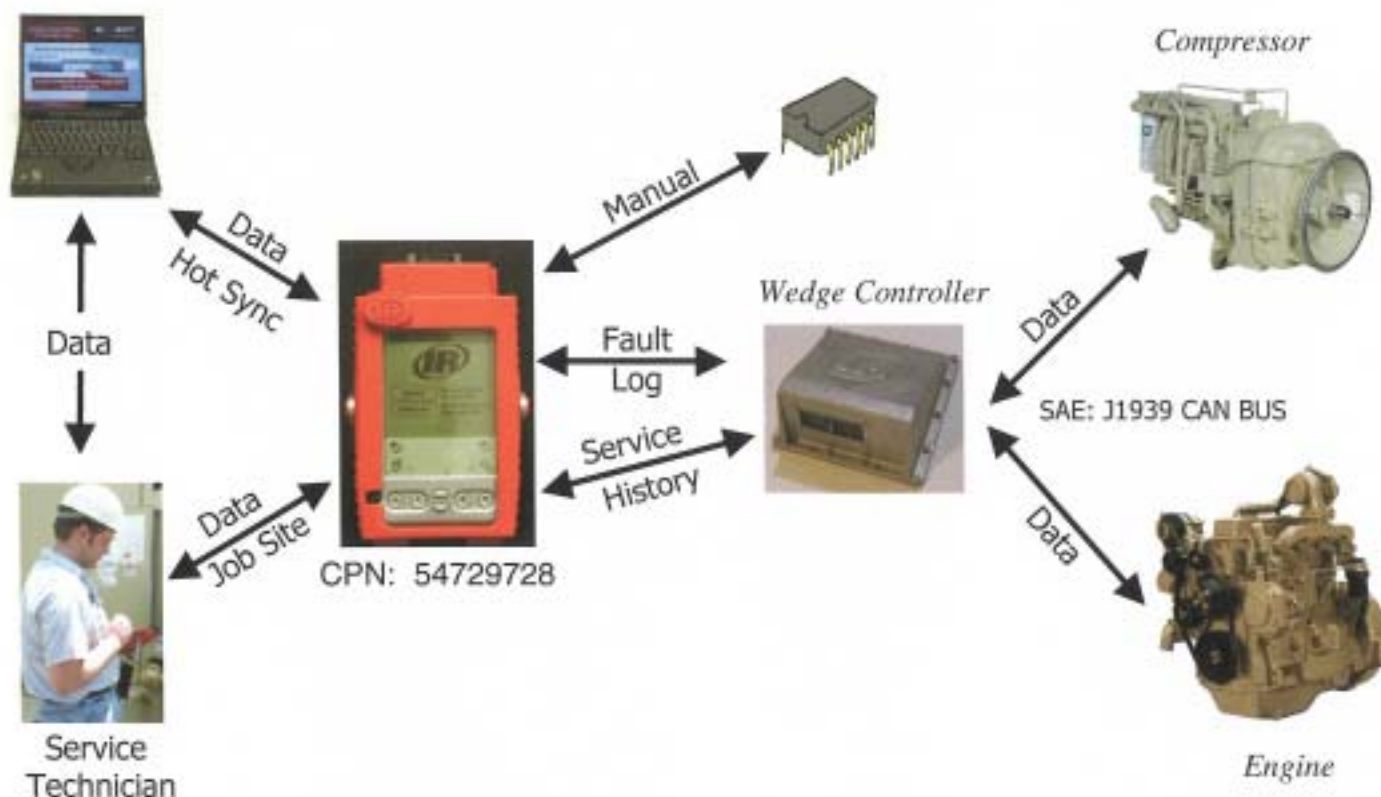
Best regards,

Portable Power Customer Support Team
Mocksville, NC



Virtual Technician™

A personal digital service tool that provides a means of communicating data between a machine controller and the service technician.



Virtual Technician™ Kit includes

Personal Digital Assistant (PDA), Virtual Technician latest revision Software, & Serial Communications Cable

Features

- PDA (Personal Digital Assistant) Based Service Tool
- IR Exclusive Patented Proprietary Design W/ Unique Features
- Low Cost, Rugged, Focused Tool
- User Friendly
- Read On-Machine Service/Parts Manual
- Re-Program Machine Controllers to latest Revision Software
- Read & Write Machine Maintenance Log
- Provide Troubleshooting Steps
- Fault Log List of Shutdown Events / Read Engine Fault Codes



CPN	Description	Picture	Net
22216691	Digital Multimeter Used to measure electrical circuits; Volts, amps, ohms		\$399.00
54729660	Weather-Pack Terminal Removal Tool Used to repair Packard Electric Weather-Pack Connectors		\$9.45
54699632	Deutsch Terminal Removal Tool (Blue) Used to repair Deutsch connectors.		\$1.75
54699640	Deutsch Terminal Removal Tool (Red) Used to repair Deutsch connectors.		\$1.75
54699624	Deutsch Terminal Removal Tool (Yellow) Used to repair Deutsch connectors.		\$1.75
22216667	Deutsch Crimp Tool Used to crimp Deutsch connector terminals		\$189.00

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CPN	Description	Picture	Net
54729710	Electrical Contact Cleaner Used to clean electrical contacts and connectors		\$4.55
54729728	Virtual Technician™ Personal Digital Assistant (PDA) service tool used to load software & extract service and fault logs in addition to standard "Palm Pilot" applications.		\$525.00
54699616	Deutsch Terminal Removal Tool Used to repair Deutsch connectors		\$2.45
54749544	RTD Simulator Plug Used to test RTD circuits		\$35.00
22073878	Thermistor Simulator Plug Used to test thermistor circuits for WEDGE controller systems		\$35.00
54749635	Connector Repair kit Used to make connector repairs for Deutsch and Packard Electric connectors		\$175.00
54699657	Deutsch Terminal Removal Tool Used to repair Deutsch connectors		\$10.50



CPN	Description	Picture	Net
54749643	Packard Metri-Pack Removal Tool Used to repair Packard Electric connectors		\$21.95
22168868	Pressure Transducer Simulator Used to test pressure transducer circuits		\$21.00
22147540	Test Adapters Kit Test adapters for various connectors to be used when making electrical measurements		\$175.00
22146393	Removal Tool Kit Assortment of most used Deutsch removal tools		\$17.50
22216675	Deutsch Crimp Tool Used to crimp Deutsch connector terminals		\$189.00
22216683	Packard Electric Crimp Tool Crimps 150 and 280 series pins		\$122.50

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CPN	Description	Picture	Net
22216709	Fluke Test Lead Set Contains needle probes, alligator clips, test leads		\$56.00
22216725	Fluke Insulation Piercing Probe (single probe) Used to connect to a wire for measurements		\$35.00
22216733	Fluke Meter Case Case for Fluke 87 meter including storage for test leads and probes		\$28.00
54740675	RS232 Serial Cable Connects lap top computer or PDA Service Tool to WEDGE or Intellisys controller		\$69.00
22252969	Wire Terminal Kit Contains a selection of terminals with corresponding heat shrink tubing that are used on harnesses		\$152.60
22281588	Connector Wrench Hex 5/32" T-Handle Wrench		\$10.00

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CPN	Description	Picture	Net
22282107	Connector Wrench Hex 5/32" Screwdriver Wrench		\$7.00
22282172	1/4" Flex Shaft Nutdriver Used to remove ECM connector on John Deere engines		\$38.50
22252993	WEDGE Connector Kit Includes the 40-pin connector housing and pins for the harness connector		\$35.00
22253009	CAN Communications Adapter Converts RS232 to J1939 CAN, used with lap top computer or PDA Service Tool (Available October 2003)		\$175.00
22253017	Adhesive Heat Shrink Assortment Selection of most used heat shrink sizes		\$42.00
22254734	Packard Electric Crimp Tool Crimps Sealed Weather Pack Connector pins		\$119.00

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CPN	Description	Picture	Net
22254775	A TC Fuse Assortment Kit Kit contains 5, 7 ½, 10, 15, 20, 25, and 30 Amp fuses		\$30.45
54749551	Thermistor Simulator Plug Used to test circuits for Wedge controller system		\$45.50
36133452	Megohmmeter Used to make ground resistance and other resistance measurements		\$699.00
36133460	Phase Rotation Meter Used to determine AC 3 phase system phase sequence		\$119.00
36133478	Clamp Ammeter Clamp type ammeter used to make AC current measurements		\$175.00
22109441	Electrical/Electronic Service Manual HP1300WCU HP1600WCU		\$21.00



CPN	Description	Picture	Net
22144950	Electrical/Electronic Service Manual XHP1070WCAT XHP1170WCAT		\$21.00
22235576	Electrical/Electronic Service Manual RHP750WIR XP1060WIR MHP825WIR HP935WIR VHP750WIR		\$21.00
22235428	Electrical/Electronic Service Manual P425AWIR (7/120) ZP375AWIR (9/110) HP365AWIR (10/105) ZHP300AWIR (14/85)		\$21.00

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