

PC Upgrade Package for XPS Systems



Description

RBD Instruments' XPS Scan PC upgrade package provides your PHI® XPS system with a state-of-the-art PCI interface that allows for Windows® 98, 2000, or XP control of acquisitions and data massage.

The existing Apollo™, Perkin-Elmer™, or HP computer is removed from the system and replaced with a Windows PC. The PC can be supplied by either RBD Instruments or by the customer.

Just one PCI slot in the PC is used by the RBD PCI interface card, which connects to the RBD model 147 System Interface Unit. The RBD 147 then makes all necessary system connections.

In conjunction with RBD Instruments'

XPS software, data can be collected and massaged. By taking full advantage of Windows, the system becomes more reliable, flexible, and powerful.

RBD also offers complete upgrades for LS instruments, including computer control of the LS stage.

PHI® Systems Supported include:

PHI 5100 ESCA Systems
 PHI 5300 ESCA Systems
 PHI 5400 ESCA Systems
 PHI 5500 Multi-Technique System
 LS versions

*PHI is a registered trademark of Physical Electronics

Advantages

- ◆ Runs on Windows 98, 2000, or XP
- ◆ Requires only one PCI slot
- ◆ Obsolete units are removed from the system
- ◆ System reliability is greatly improved
- ◆ Versatile RBD software is powerful, straight forward and user-friendly
- ◆ Easy to incorporate data into reports and publications
- ◆ Data can be sent over the Web
- ◆ An exceptional value – a fraction of what other upgrades cost
- ◆ Replaces the Apollo, HP, or Perkin-Elmer PC and software.
- ◆ Copy and paste data to CasaXPS

XPS Scan - PC Upgrade Package for XPS Systems

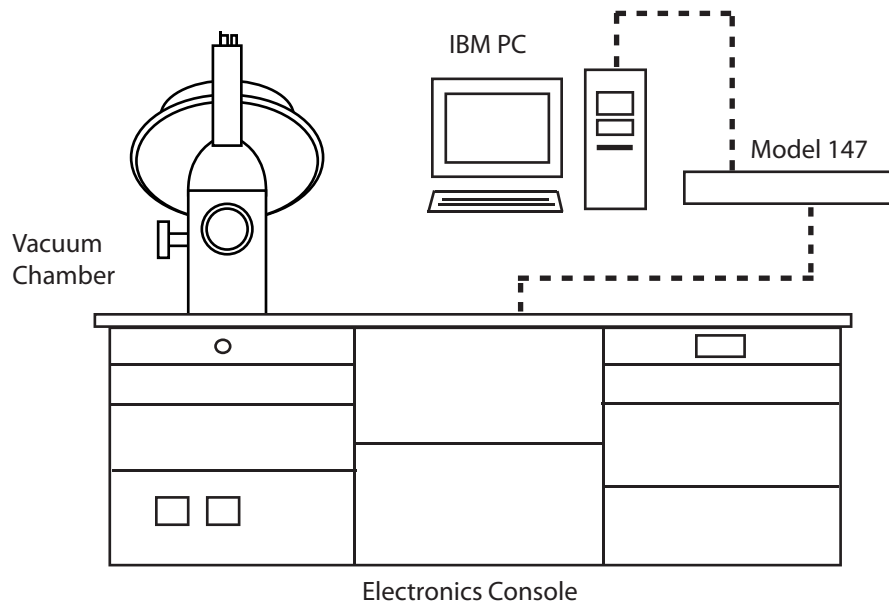
Specifications

PC Requirement	Minimum requirement is Windows 98
<u>147 Specifications</u>	
Interface type	PCI 2.1 Compliant
Input Power requirements	90-264VAC, 47-66Hz single phase
Power Supply	+/- 12 Volts DC, +5 Volts DC
DR11 Output Ports	3
DR11 Input Ports	1
Digital to Analog Converters	2 (16 bit)
TTL Outputs.....	8
TTL Inputs	8
TTL Counter/Timer Inputs.....	12
ECL Counter/Timer Inputs.....	4
Operating Temperature Range	0° to 50° C
Humidity.....	20 to 70% non-condensing

XPS Scan Upgrade Includes

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|---|--------------------------------|
| ◆ RBD 147 System Interface Unit with XPS option | ◆ RBD Software with XPS Option |
| ◆ RBD 147 Cable Kit | ◆ RBD 147 Software Driver |
| ◆ MCD/PSD Option (for 5400, 5500, 5600, 5700) | ◆ XPS Scan Installation Manual |
| | ◆ CasaXPS (optional) |

RBD XPS Scan1 System Diagram



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