

PC Upgrade Package for SIMS Systems



Description

RBD Instruments' SIMS Scan PC upgrade package provides your PHI® SIMS 6100, 6300 or 6600, 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™ or Perkin-Elmer™ or HP™, computer is removed from the system and replaced with a Windows PC. The PC can be supplied by either RBD Enterprises 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.

Using RBD Instruments' SIMS software, data is acquired via the 147. Data analysis is performed by the included CASA data analysis package. All standard SIMS quantification protocols are supported and are highly customizable for your individual application.

By taking full advantage of Windows, your SIMS system will become more reliable, flexible, and powerful.

PHI® Systems Supported include:

3600
6100
6300
6600

*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
- ◆ Dramatically improved output –virtually any printer is supported
- ◆ Data can be sent over the Web
- ◆ An exceptional value – a fraction of what other upgrades cost
- ◆ Replaces the Apollo, Perkin-Elmer or HP PCs and software

SIMS Scan - PC Upgrade Package for SIMS Systems

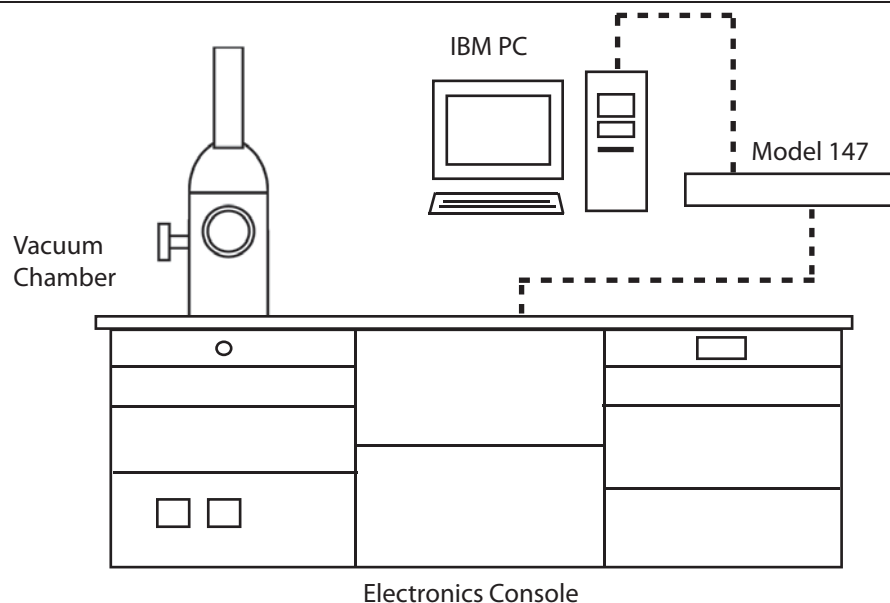
Specifications

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

SIMS Scan Upgrade Includes

- ◆ RBD 147 System Interface Unit with SIMS option
- ◆ RBD 147 Cable Kit
- ◆ RBD Software with SIMS Option
- ◆ RBD 147 Software Driver
- ◆ SIMS Scan Installation Manual
- ◆ CASA data analysis software

RBD SIMS Scan System Diagram



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