

ProCheck™ III Software

installation

Kit #'s 10006003 - 3.5" diskettes
10006002 - CD-ROM

INCLUDED IN KITS:

- software installation diskettes (or CD-ROM)
- 1- 1st stage adapter, (low pressure and mask mounted SCBA), P/N 10006007
- 1- 1st stage adapter, (high pressure belt mounted SCBA), P/N 10006006
- 1- air line and dual purpose SCBA adapter, P/N 496568
- 12- relief valve gaskets, P/N 473246, for high pressure belt mounted regulators
- 12- relief valve gaskets, P/N 42911, for low pressure belt mounted regulators
- 12- relief valve O-ring, P/N 635037, for all MMR

PROCHECK III SOFTWARE INSTALLATION:

ProCheck III Operating Software

The PosiChek III uses software installed on an external personal computer to run the tests, display the results, and search, print, or review your records documenting SCBA performance. ProCheck III operating software is fully compatible with Microsoft Windows 95™ or Windows 3.1™ operating system software.

Recommended system requirements

Review the following recommended system requirements before installing ProCheck III software on your personal computer.

CAUTION

Make sure your computer system meets the following minimum requirements prior to attempting to install or use ProCheck III software. Inadequate system resources may prevent ProCheck III software from operating properly on your system.

Biosystems recommends the following as the minimum system requirements for installation and use of ProCheck III operating software with Microsoft Windows 3.1™ or Windows 95™.

- IBM compatible PC
- 80486DX-66 Processor
- 16 MB RAM
- VGA Color Monitor
- 1.44 Floppy Drive
- Local Hard Drive with 50MB available
- Parallel Port

ProCheck III operating software installation using Windows 95™

1. Insert Disk 1 into your floppy drive
2. Select "**Start**" on your Windows 95™ "**Main Menu Screen**" bar.
3. Next select "**Run**".

4. Type in "**a:\setup**" and click on "**OK**".
5. The software will instruct you when to insert a new diskette, and when installation has successfully been completed.

ProCheck III Operating Software Installation Using Windows 3.1™

1. Insert Disk 1 into your floppy drive.
2. Select "**File**" under the Windows 3.1™ Program Manager.
3. Next select "**Run**".
4. Type in "**a:\setup**" and click on "**OK**".
5. The software will instruct you when to insert a new diskette, and when installation has successfully been completed.

Additional Software Installation Advice

Please note: the "a" in the "a:\setup" command used to install ProCheck III software is the designation you are using for the floppy drive on your personal computer if your floppy drive has another designation, for instance "b" you would type in "b:\setup", then click on "OK".

Once the installation program for the ProCheck III operating software has been loaded, follow the on-screen instructions to complete the installation. The program may be removed from Windows 3.1™ by using the "**Uninstall**" icon, or from Windows 95™ by using "**Add / Remove Programs**" option in the Control Panel window.

INSTALLATION OPTIONS:

ProCheck III Menu Shortcut Icon

The ProCheck III installation program will automatically create a menu shortcut icon for easy program startup. If you are installing ProCheck III software using Windows 3.1™, the shortcut icon will automatically be installed in "**Program Manager**". If you are installing ProCheck III software using Windows 95™, the installation software will give you the option of installing the shortcut icon on your desktop, or in "**Programs**" under "**Start**". Click on the "**Include ProCheck III on desktop**" to install the shortcut icon on your desktop, or the "**Include ProCheck III on start menu**" to install the shortcut in "**Programs**" under the "**Start**" button.

Software Operation Instructions

Included in the installation is a complete on-line operation manual which includes explanations and information on a number of operational topics in the form of pop-up "Help" screens which are available at any time while the ProCheck III software is in use. All respirator maintenance information must be referenced in the specific respirator user instructions.

POWERING-UP

Please note: The PosiChek III uses ProCheck III software installed on an external personal computer to run the tests, display the results, and search, print, or review your records documenting SCBA performance. That means the PosiChek III must be turned on and in proper communication with the software installed on your personal computer in order to conduct tests. Establishing communication between your PosiChek III and your personal computer is discussed in the on-line manual once the software is installed.

Turning the PosiChek III on is straightforward. Simply plug the power cord of the PosiChek III into a grounded 110 VAC outlet, and turn the PosiChek III on by using the power switch located on the front panel of the PosiChek III chassis.

CAUTION

Do not attach the pressure reducing manifold, or mount an SCBA facepiece on the test head prior to turning the PosiChek III on. Doing so prior to completion of the electronic self-test and startup sequence may result in incorrect test data.

WHEN USING THE MEDIUM PRESSURE TESTING FEATURES OF THE PROCHECK III SOFTWARE THE FOLLOWING ADAPTERS MUST BE USED:

- P/N 10006007 for all mask mounted and 2216/3000 psig belt mounted SCBA
- P/N 10006006 for 4500 psig belt mounted SCBA
- P/N 496568 for all airline respirators and dual purpose SCBA.

INSTALLATION:

1. Adapter 10006007 - SCBA with mask mounted regulators

- depressurize the apparatus
- using a wrench, remove the relief valve from the swivel on the first stage body located on the carrier.
- check O-ring on adapter, replace if necessary
- thread the 1st stage adapter into the relief valve port and hand tighten.



- connect the medium pressure hose assembly to the quick-disconnect plug on the adapter and the plug on the front panel of the tester. Note: make sure the tester is on and the software initialized as described in the installation section before attaching the hose to the tester.
 - when testing is complete reinstall the relief valve supplied in the kit
 - install a new O-ring on the relief valve
 - thread the relief valve into the swivel clockwise by hand. Tighten with a wrench.
- ### 2. Adapters 10006007 and 10006006 - 2216/3000 psig and 4500 psig SCBA with belt mounted regulators
- depressurize the apparatus.
 - using a wrench remove the relief valve from the regulator body.
 - check that the relief valve gasket is in the base of the port.
 - thread the appropriate 1st stage adapter into the port and tighten (10006007 for 2216/3000 psig regulators and 10006006 for 4500 psig regulators).



- connect the medium pressure hose assembly to the quick-disconnect plug on the adapter and the plug on the front panel of the tester. Note: make sure the tester is on and the software initialized as described in the installation section before attaching the hose to the tester.
- when testing is complete, relieve all pressure from system, remove the adapter, install a new gasket (P/N 42911 for 2216/3000 psig regulators and P/N 473246 for 4500 psig regulators) supplied in the kit, re-install the relief valve and tighten with the wrench.

3. Adapter 496568 - airline respirators and dual purpose SCBA

- the adapter is used to verify that the air supply pressure to the respirator meets the requirements of the respirator under test.
- connect the adapter at the inlet to the respirator airline hose (MSA airline hose of lengths between 8 and 300 feet should be used). This will require locating the tester close enough to the air supply so the medium pressure hose can reach the tester.
- connect the medium pressure hose assembly to the quick-disconnect plug on the adapter and the plug on the front panel of the tester. Note: make sure the tester is on and the software initialized as described in the installation section before attaching the hose to the tester.

Manufactured by



MINE SAFETY APPLIANCES COMPANY

PITTSBURGH, PENNSYLVANIA, U.S.A. 15230

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