

biosystems

A Bacou-Dalloz Company



The Only NFPA-Compliant SCBA Test Stand

Biosystems PosiChek³ is the only breathing machine that meets the stringent requirements specified by NFPA 1852. Firefighters can only work at peak performance when their equipment works the way it was designed to work. NFPA 1852 mandates that all compliant SCBA must be tested on a calibrated breathing machine before being put into service and at least once per year thereafter.

Easy and Automatic Testing

Just attach the fully-assembled SCBA to be tested to the PosiChek³ test-head, and choose the tests you wish to conduct. The PosiChek³ "Quick Test" fully evaluates the operational readiness of an SCBA in less than 2 minutes and consumes less than 1% of the SCBA's air supply. Once the tests have been completed, the information can be printed immediately or saved in a user-specified database for future retrieval. The PosiChek³ makes record-keeping easy!

Global Acceptance

Biosystems introduced the original PosiChek computerized SCBA test-bench in 1988. Today, thousands of fire departments, refineries, chemical plants, and nuclear power stations rely on the PosiChek³ to positively verify that their SCBA are fit for use. In fact, the PosiChek³ is the standard test bench for every major manufacturer of SCBA around the world.

Easily Verify SCBA Performance

PosiChek³ completely evaluates SCBA readiness. The following tests are available:

- **Mask leak-check**
- **Exhalation check-valve opening pressure**
- **Static mask-pressure**
- **Bypass flow-rate**
- **Pressure gauge accuracy**
- **Low pressure alarm activation**
- **Visual inspection**
- **Breathing resistance at standard (40 LPM) work-rate**
- **Breathing resistance at maximum (100 LPM) work-rate**

PC Requirements

The PosiChek³ uses your own IBM-compatible PC to run the tests and store the results. Test results can be printed at the time of the test, or retrieved from the user-specified database at any time in the future. The minimum PC requirements for the 32-bit PosiChek³ Software are as follows:

- **Windows 95, 98, ME, NT (SP 5.0 or higher), 2000, XP**
- **Internet Explorer version 4.01 (SP2 or higher)**
- **A minimum of 100 Mb of available space on the PC's hard drive.**
- **Parallel Port**
- **CD-ROM Drive**

Note: Many new PCs are now being delivered with a USB port instead of a parallel port. The PosiChek³ is not USB-compatible. The PC **MUST** have a properly configured parallel port to interface with the PosiChek³. Although USB-Parallel port converters are now available, the routing through USB hardware is incompatible with the PosiChek³.

Ordering Information

Instruments

Part Number	Description	Price
54-20-0117-32	PosiChek3 with all required transducers and 32-bit software	\$7795.00
54-20-0117-32-D	PosiChek3 (as above) with desktop computer package	\$9785.00
54-20-0117-32-L	PosiChek3 (as above) with laptop computer package	\$10592.00

Extended Warranty Options

Part Number	Description	Price
14-20-00-1	1 Prepaid PosiChek3 Calibration with 1 year extended warranty	\$480.00
14-20-00-2	2 Prepaid PosiChek3 Calibration with 2 year extended warranty	\$960.00
14-20-00-3	3 Prepaid PosiChek3 Calibration with 3 year extended warranty	\$1440.00
14-20-00-4	4 Prepaid PosiChek3 Calibration with 4 year extended warranty	\$1920.00
14-20-00-5	5 Prepaid PosiChek3 Calibration with 5 year extended warranty	\$2400.00