

T E C H N I C A L B U L L E T I N

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USE OF BIOSYSTEMS POSI-CHEK[®] WITH SURVIVAIR SCBA, SAR, AND HIP-PAC

Survivair now authorizes the use of the Biosystems Posi-Chek[®] to verify the proper operation of Survivair SCBA, SAR, and HIP-PAC breathing apparatus. The Posi-Chek measures and records the flow pressure of the breathing apparatus during cyclic flow, whereas the gauges on the Survivair Portable Test Console (PTC) indicate flow pressures during stable, constant flow conditions. Use the Posi-Chek per the following guidelines:

- 1) The software version must be 2.6, 2.6B or higher.
- 2) To determine if a regulator meets Survivair specifications, make the following corrections to compensate for the differences between the Posi-Chek and the PTC:
 - A) Add 0.1 inches of water column to the Posi-Chek regulators inhalation resistance reading.
 - B) Subtract 0.6 inches of water column from the Posi-Chek mask exhalation resistance reading.
 - C) No correction is required for static pressure reading.
- 3) Calibration of the Posi-Chek will be maintained per the manufacturer's recommendations.
- 4) Maintain the Posi-Chek per the manufacturer's recommendations.

The Posi-Chek can be used to determine if Survivair SCBA, SAR, and HIP-PAC breathing apparatus meet applicable Survivair specifications. The Posi-Chek will provide the user a printout record of the test results.