

CONFORMING PRODUCTS LIST OF ALCOHOL SCREENING DEVICES

Manufacturer	Devices
(1) Alco Check International* Hudsonville, MI	·Alco Check 3000 D.O.T. ·Alco Screen 3000
(2) Chematics, Inc., North Webster, IN	·ALCO–SCREEN 02™ ¹
(3) Guth Laboratories, Inc.*, Harrisburg, PA	·Alco Tector Mark X ·Mark X Alcohol Checker
(4) Repco Marketing, Inc., Raleigh, NC	·Alco Tec III
(5) Roche Diagnostic Systems, Branchburg, NJ	·On-Site Alcohol ²
(6) Sound Off, Inc.,* Hudsonville, MI	·Digitox D.O.T. ·Alco Screen 1000
(7) STC Diagnostics, Inc., Bethlehem, PA	·Q.E.D. A150 Saliva Alcohol Test

* The devices listed by this manufacturer are the same device sold under two different names.

¹ It should be noted, however, that while the ALCO–SCREEN 02™ saliva-alcohol screening device manufactured by Chematics, Inc. passed the requirements of the model specifications when tested at 40/ C (104/ F), the manufacturer has indicated that the device cannot exceed storage temperatures of 27/ C (80/ F). (Instructions to this effect are stated on all packaging accompanying the device.) Accordingly, the device should not be stored at temperatures above 27/ C (80/ F) and, if the device is stored at or below 27/ C (80/ F) and used at higher temperatures, the test should be completed immediately. When these devices were stored at or below 27/ C (80/ F) and tested at 40/ C (104/ F) immediately (i.e., within a minute), the devices met the model specifications and the results persisted for 10–15 minutes. When these devices were stored at or below 27/ C (80/ F) and were equilibrated at 40/ C (104/ F) for an hour prior to sample application, the devices failed to meet the model specifications. Storage at temperatures above 27/ C (80/ F), for even brief periods of time, may result in false negative readings.

² While this device passed all of the requirements of the model specifications, readings should be taken only after the time specified by the manufacturer. For valid readings, the user should follow the manufacturer's instructions. Readings should be taken one (1) minute after a sample is introduced at or above 30/ C (86/ F); readings should be taken after two (2) minutes at 18/ C–29/ C (64.4/ F–84.2/ F); and readings should be taken after five (5) minutes when testing at temperatures at or below 17/ C (62.6/ F). If the reading is taken before five (5) minutes has elapsed under the cold conditions, the user is likely to obtain a reading that underestimates the actual saliva-alcohol level.

Note that devices 1, 3, 4 and 6 are breath alcohol testers that use semiconductor type sensors. Devices 2, 5, and 7 are saliva alcohol testers that use enzymatic techniques to measure the alcohol concentration in a saliva sample.