

# DETEHIT®



The detector strip DETEHIT® was designed for detection of nerve agents in air, water, food and on the surface. The detection strip can determine dangerous concentrations of nerve agents in the air (within 2-3 minutes), if it is possible to remove the gas mask (5-15 minutes) or whether food or water are acceptable for intake (15-30 minutes).

The main advantage of the DETEHIT is his sensitivity and possibility to test drink water.

## SPECIFICATION

Section 1. Product Identification and Uses				
Product name	DETEHIT®	NSN	6665 16 000 7850	
Manufacturer	ORITEST Ltd	Agents detected	G, V in air, water, on surfaces	
Section 2. Application, Use				
<ul style="list-style-type: none"> <li>• Detection of Nerve Agents and organophosphate insecticides in air, water, extracts, on surfaces.</li> <li>• Presence of agents is indicated when a detection zone colour remains white after a test.</li> </ul>				
Section 3. Data				
Sensitivity (at 20°C) in air mg/l Exposition 2 min	GB	1.10 <sup>-5</sup>	GP	5.10 <sup>-6</sup>
	GD	8.10 <sup>-6</sup>	GA	8.10 <sup>-5</sup>
	VX	5.10 <sup>-5</sup>	GF	3.10 <sup>-6</sup>
Operation Temperature:	-20 °C - 40 °C bellow 0°C an antifreeze liquid is needed		Simulation:	Buffer of pH 2-3, or 50% water solution of methanol
Section 4. Design and Construction				
The plastic strip contains a white cotton cloth reaction zone with immobilized cholinesterase, paper zone with chromogene substrate and yellow cotton cloth as the colour standard.				
Section 5. Packing, Packaging				
Each strip sealed in foil, 5 strips in a block. 10 strips with the instruction list in the PE tube or, different number of strips (20, 10, 5) in the PE foil sealed pouch.				
50 tubes in a carton, or pouches in a carton.				
Storage conditions -40°C -+40°C, at 60°C no more than 1 month.				