

LIGHT RECONNAISSANCE VEHICLE

for Nuclear, Biological and Chemical detection
NSN 6640-420000945

NBC detection instruments are integrated in Light Reconnaissance Vehicle and enables rapid and efficient detection of NBC agents and Toxic industrial chemicals (TIC), sampling, field marking and sending NBC messages. NBC system is integrated in armored vehicle.

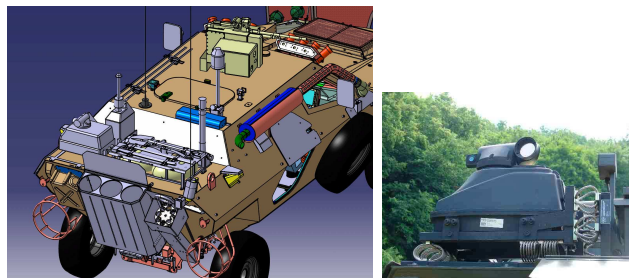


In Light Reconnaissance NBC Vehicle are integrated measuring instruments for NBC detection, system for sampling, system for contaminated field marking, radio and weapon station. The filtration system provides protection against NBC warfare agents for the crew (driver, operator and shooter). Light Reconnaissance NBC Vehicle is also amphibian armored vehicle.



Manufacturers of NBC detection instruments are well selected according to high quality and tradition. NBC system enables measuring of gamma radiation inside and outside the vehicle, presence of Biological Agents, Chemical Warfare Agents (CWA) inside and outside the vehicle, and remote stand off Chemical detection up to 5km distance.

A meteorological station is used for wind speed, wind direction, humidity, air temperature and atmospheric pressure measurement. Oxygen and carbon dioxide measurement are used for air quality control inside the vehicle.



Computer system (2 computers and 3 monitors) with user friendly software interface enables instrument use, control, data and alarms visualization and NBC reporting (ATP-45). Radio station (HF and VHF) enables transmission of data and speech.

NBC sampling and marking systems are automated. Operator from inside controls the sampling arm. Samples are stored in the cartridge, ready for transport to specialized laboratories. NBC marking system enables throwing marking flags on the ground. Three kinds of marking flags (bio, chem and atom) are stored in three different cartridges and according to the contamination proper flags are used.



On the top of the armored vehicle automated weapon station is installed for inside crew protection and carrying out small missions.

Entire integrated NBC detection system with instruments, equipment, hardware and software support can be further customized to fit specific needs and demands of the customer.