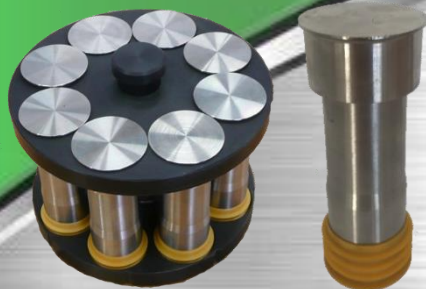


AUTOMATED SAMPLING SYSTEM

from EM.TRONIC d.o.o.



CBRN Sampling System is an automated system for taking solid, liquid or air samples in a contaminated area. The crew can control the CBRN Sampling System in a safe environment from the inside of the vehicle.

Operator controls the CBRN Sampling System by using the graphical user interface and the control box. Taken samples are stored in special containers. Further verification of the samples in the laboratory is required. Camera is used for monitoring the sampling procedure.



Containers are marked with labels and letters. Information about the container which is taking the sample, is always displayed in the sampling system submenu.

Therefore, the data for each sample in the database will be accurate. Before taking the sample, the sampling system automatically opens the container, semi-automatic takes the sample and automatically closes the container.

By using the graphical interface and entering the GPS location, the sampling system software saves the location, date and time of each taken sample. Without changing the containers, the sampling system can take up to 8 samples. Approximate time for taking one sample is less than 2 min.

Hydraulic pump driven by an electric motor is installed inside the construction of the sampling system. If a hydraulic pump is already installed on the vehicle, it can be used for sampling systems if it provides the necessary pressure.



Depending on the mounting height on the vehicle, there are two variants of the sampling system. For higher vehicles we use sampling system with extended arm.

Technical specifications:

External dimensions [mm]: 332x670x1250 (w/d/h)

Total weight: 80-120kg (depending on the type).

All metal parts are made of chemically resistant stainless material.

