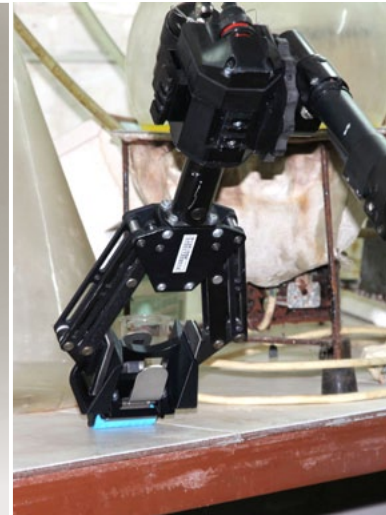


CBRN ACCESSORIES

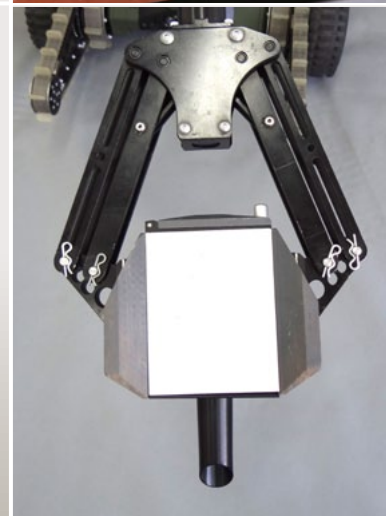
ENVIRONMENTAL SWAB

The tool is designed to obtain material for laboratory analysis by taking environmental swabs from surfaces of objects, which can accumulate unknown chemical or biological substances. The set consists of consumables (sterile sponges, dry and soaked in neutralizing buffer) and interchangeable parts allowing IBIS® and PIAP GRYF® robots to carry the tool in the gripper. The tool is transported in a holder mounted to the Picatinny Rail on the robot's mobile base.



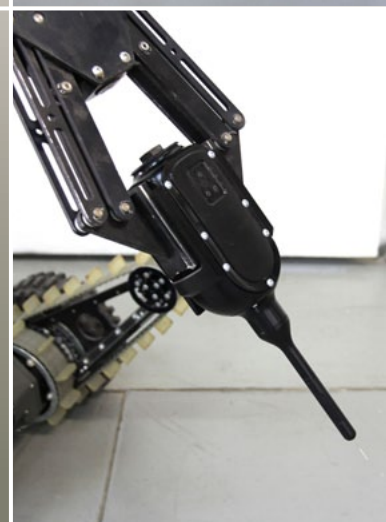
GROUND SAMPLER

The tool serves to take samples of contaminated substrate (soil, sand, ice, etc.) to a container with a maximum volume of 300 cm³. The tool is transported in a holder which protects the robot and staff from contamination by collected material. The holder is mounted to the Picatinny Rail on the robot's mobile base. The set includes 3 different operating tips and interchangeable parts allowing IBIS® and PIAP GRYF® robots to carry the tool in the gripper.



SPME ADSORBER

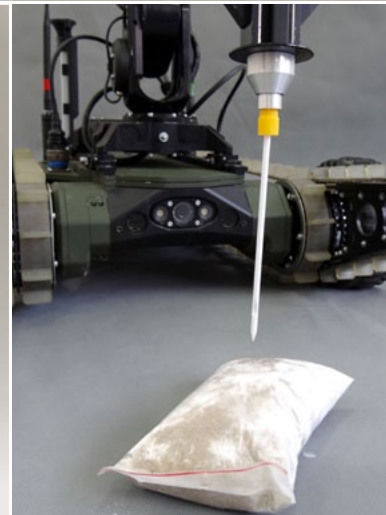
The device is used for adsorption of chemical molecules from the air and liquid to the SPME fiber for further analysis, for example in a gas chromatograph. The adsorber is controlled from an accessories panel or manually via user interface located on the casing. When placed on the robot, the device is transported in a transport holder and only taken from it for the duration of molecule adsorption. The device is charged wirelessly in its carrying case. It includes 2 sets of SPME fibers (to obtain particles of explosives and narcotics) and an accessory which facilitates extraction of fibers from the device.



CBRN ACCESSORIES

FORENSIC SAMPLERS SET

The kit is intended for taking samples in powder and liquid form such as blood, saliva, explosives and the like. Secured samples may be examined in a laboratory, for example during forensic process. The tools are transported in holders mounted to the Picatinny Rail on the robot's mobile base. The set includes an indenter module, a swab module and associated consumables.



R – SENSOR (INTEGRATED EKO-C)

The device is designed for detection and measurement of Alpha, Beta, Gamma and X-Rays radiation. It is possible to control the radiometer and display the measurement results with the accessories panel or with user interface located on the device. When placed on the robot, the device is transported in a transport holder and only taken from it for the duration of measurement. The device is charged wirelessly in its carrying case.



ACCESSORIES CONSOLE

The console is used to control CBRN accessories equipped with radio modules (Adsorber SPME and R-Sensor) and to display the results of survey of environmental sensors. It has a form of tablet with increased durability, equipped with radio module that communicates with accessories. The console is also equipped with RFID card reader, for user authorization, and GPS module. User interface is a graphical environment, where the accessories system is operated by touch-screen.

