

MULTI-TERRAIN ROBOT

多地形采样机械人

Multi-terrain Robot with robotic arm for sampling

多地形采样机械人的设计出自环保署，零件由中国香港大湾区提供及由中国香港中小企组装，可进行远程地底及自然溪流的污染监测。它的履带和轮胎可以互换，适应各种地形，对地下渠道和河流进行远程污染监测。它防水并配备机械臂收集液体和固体样本，送到实验室进行进一步分析。环保署已在元朗市运用这项新技术，成功追踪污染排放地点。

With ideas of EPD, assembly of HKSME and components provided by GBA, Multi-terrain Robot with robotics arm for sampling conducts remote underground and natural stream pollution monitoring. It can adapt various terrains through interchangeable tracks and tires to conduct remote pollution monitoring in underground channels and rivers. It is waterproof and equipped with robotic arm to collect liquid and solid samples, which can be sent to the laboratory for further analysis. EPD has used this new technology in Yuen Long town to track the location of pollution discharges successfully.

