



# SYSCAN

## GROUND CONTAMINATION SEEKER

**SYSCAN** is an electric compact vehicle ideal for ground contamination measurement and more particularly to look for the presence of Cesium-137 and Cobalt-60.

It has been specially designed to be used very easily by a single operator with limited training.

**SYSCAN** can be rented as a service or purchased.

## APPLICATIONS

- Inspection of nuclear sites for the detection of soil contamination
- Reassurance surveys
- Site clearance
- Ground inspection in case of emergency situations
- Soil characterization and remediation

## ADVANTAGES

- Detection and localization of hot spots in potentially contaminated areas
- Very low MDA : can detect 1 kBq of Cs-137
- Display with color codes in the cabin and sound alarms
- Long autonomy and great handiness
- Retractable detector for minimal bulk
- Automatic data recording with accurate localization of hot spots (GPS option)



## TECHNICAL DATA

<b>Autonomy</b>	<b>72 km</b>
<b>Charging time</b>	<b>6 to 10 hours</b>
<b>Motor</b>	<b>DC 48 V 5,5 kW</b>
<b>Power / Torque</b>	<b>30 HP / 220Nm-1</b>
<b>Controller</b>	<b>36 V / 48 V 450 A</b>
<b>Measuring mode speed</b>	<b>1 km/h or 2 km/h (+/- 5%)</b>
<b>Max speed</b>	<b>40 km/h</b>
<b>Detection energy window</b>	<b>80 keV - 2 Mev</b>
<b>Max frequency count-rate</b>	<b>1/s</b>
<b>Integration time</b>	<b>Selectable between 1 and 5 s</b>
<b>Effective detection area</b>	<b>0,73 m<sup>2</sup></b>
<b>Total detection volume</b>	<b>36.000 CC</b>
<b>Application temperature</b>	<b>Between -10°C and +50°C</b>
<b>Detector height</b>	<b>Selectable from 30 mm to 100 mm</b>
<b>Tires front and rear</b>	<b>26 x 9 - 14 / off road tires</b>
<b>Rear carbo box dimensions</b>	<b>730 mm x 1000 mm x 280 mm</b>

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**GROUND CONTAMINATION SEEKER**



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**PARTNERS :**

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