



# U-Explorer

*Utility detection as it should be*

The new Ground Penetrating Radar for all your survey needs in the mid and shallow ranges.



U-Explorer

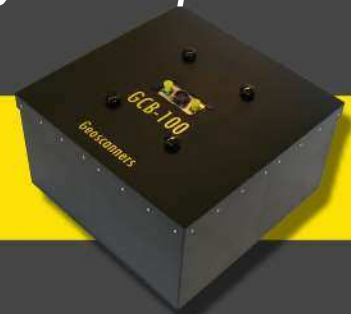


U-Explorer  
mini



*Powerful, light, expandable, affordable*

*and easy to use, exactly as you requested!*



# U-Explorer

The **U-Explorer** is a GPR system created right from the start with the survey professional in mind. Not only by means of reliability, but also by means of affordability.

Geoscanners AB has raised the bar regarding quality, affordability and ease of use in the market of ground penetrating radar systems. This unit not only will satisfy the needs of the seasoned professional, but also will make the learning curve for the beginning surveyor a breeze.

The superior quality of the data that can be obtained already in the field makes this unit ideal for low budget jobs or difficult conditions when the time devoted for the survey is limited.

The U-Explorer is not limited to one antenna configuration, but gives you the possibility to use its control unit the **Akula-9000** with all supported antennas. This makes the initial investment more sound since the expansion of the unit can be done without any hurries and when it is necessary and financially possible.

Not only is the U-Explorer giving a wide array of possible antennas to use, but it also comes with our powerful and user friendly software package **GPRSoft™ standard edition** already installed and ready to use.



The collection software **GAS™** is so intuitive that most customers seldom need to read the manual or even open the help file to find out how to do one operation or the other. This user friendly interface is a result of an intense work by our designers and a tight interchange of ideas with a group of very talented power users of ground penetrating radar units.

## TECHNICAL SPECIFICATIONS

Analogue Bandwidth	10MHz to 1400MHz
Range	32 to 1021ns in 1ns Steps
Filters	IIR, FIR, FFT, Stacking, Background Removal, Dewow
Gain	-20 to +60dB with 6 points
Software	GAS™ and GPRSoft™ Std
Power Consumption	7 Watts
Temperature	-20 to +40° C
Humidity	96% non condensing
Size and Weight	Depends on antenna and cart selected

The U-Explorer can be purchased in two different configurations: the full four wheel cart, or the two wheeled cart. The latter one is called the **U-Explorer mini** because it is lighter in weight and in price too.

No matter which configuration you'll buy, the amount of available antennas are many and the quality of the data as high as you can get. This is due mainly to the fact that both units utilize the same control unit, our **Akula 9000**.



The **U-Explorer** comes with the following standard items:

- Akula 9000 Control Unit
- Generic Netbook with GAS™ and GPRSoft™ Std edition installed
- One antenna of your choice from the series of ground coupled antennas GCB-200, GCB-300, GCB-400, or FLB-390
- One cart SVC-820 or SVC-821 depending on your model choice
- One control cable 3 or 6 meters and one survey wheel cable
- One lead acid battery 7A/h in its own pouch
- One charger for the lead acid battery, and,
- One suitcase for the Akula 9000 and cables

*An additional kit for the GCB-100 ground coupled antenna is available.*



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