RoadScan™ 30

The affordable RoadScan™ 30 system provides users with an effective tool for quickly determining pavement layer thickness. RoadScan 30 can collect data densities not obtainable using other labor-intensive methods. RoadScan data can be acquired at highway speeds, eliminating the need for lane closures and providing a safer working environment.

The RoadScan Advantage

The RoadScan system, with available accessories, provides all the components necessary to perform a GPR road inspection. The SIR® 30 control unit is a configurable multi-channel system, allowing users the ability to operate one to four antennas simultaneously at high speeds.

MAX DEPTH 91 cm (3 feet)	**ANTENNA OPTIONS** 2.0 GHz, 1.0 GHz
WEIGHT 49.8 kg (110 pounds)	**STORAGE CAPACITY** 2 Channel: 250 GB 4 Channel: 500 GB
OPTIONAL SOFTWARE RADAN 7, RADAN 7 RoadScan Module	**ACCESSORIES** Antenna vehicle front mount, Antenna vehicle trailer mount

New and improved smart antennas simplify set-up with automatic identification to the SIR 30. Customize the system for your specific needs by configuring the RoadScan 30 with your choice of accessory antennas.

See our website for more information and detailed specifications: www.geophysical.com

ROADSCAN FEATURES

Non-Destructive Pavement Testing

RoadScan can quickly collect pavement layer thickness data. The system acquires data at highway speeds, which eliminates the need for lane closures and provides a safer working environment.

Quantifiable Data

Ground penetrating radar offers users a quick and effective way to determine pavement layer thickness. GPR can evaluate base and sub-base layers with data collection densities not obtainable by traditional labor-intensive methods, such as coring.

Pavement Evaluation Results

Data can be easily exported as ASCII output files for simple data transfer to other software programs. Or, migrate data results as a Google Earth™ .kml file for enhanced visualization.

TYPICAL USES

NDT road evaluation

Measure pavement thickness

Evaluate base and sub-base conditions

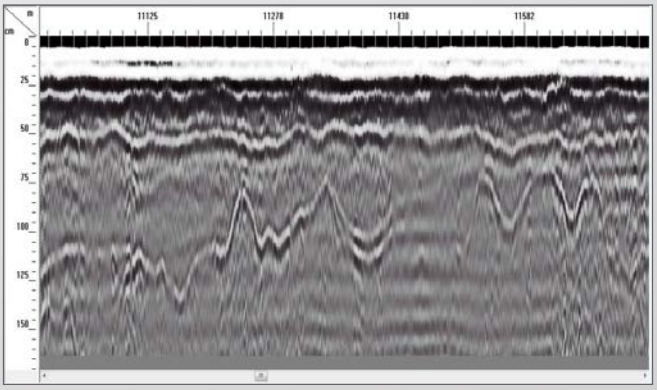
Measure asphalt prior to milling operations

Determine areas to core

FCC, RSS-220 and CE Certified

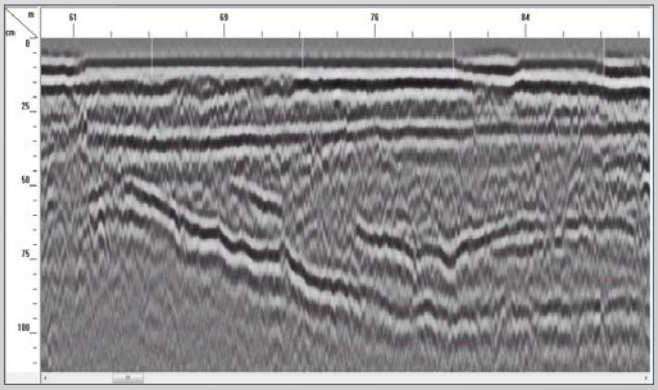
ROADSCAN FLEXIBILITY

Using the SIR 30 as the foundation of the RoadScan system, users can obtain additional information with accessory antennas. Many RoadScan users elect to use the 900 MHz or 400 MHz antenna to obtain additional information on base or sub-base layers.



Base and Sub-base Layers

400 MHz data showing base and sub-base layers.



Subsurface Structure

900 MHz data showing subsurface structure with several layers.

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