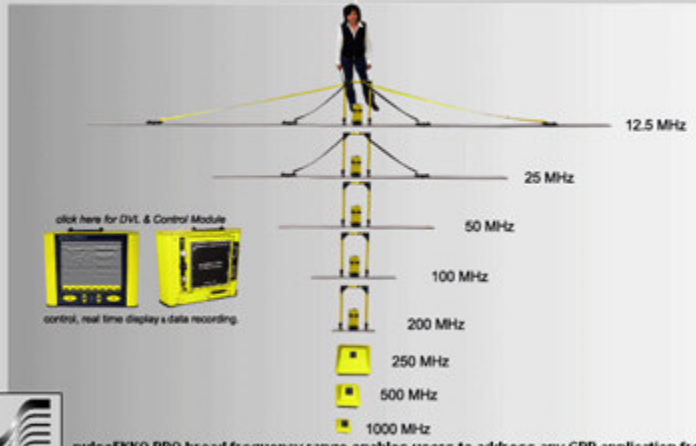
Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - *for the GPR professional*

by Sensors & Software Inc.

INNOVATIVE, VERSATILE, FLEXIBLE, CUTTING EDGE



Full Bistatic
12.5 - 1000 MHz

One-Man
50, 100, 200 MHz

Hand Tow
250 - 1000 MHz

SmartCart
50 - 1000 MHz

Multi-Channel
12.5 - 1000 MHz

TR1000

pulseEKKO PRO broad frequency range enables users to address any GPR application from mineral exploration and glaciology to geotechnical investigations and the examination of concrete structures.
Advanced survey methods such as CMP, WARR and Transillumination are possible with this flexible system which features multiple deployment and operational modes.

Software

EKKO_View, EKKO_Mapper, EKKO_Interp
3D Visualization

Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - Full Bistatic Configuration

by Sensors & Software Inc.

Use with:
12.5, 25, 50, 100, 200 MHz antennas
250, 500, 1000 MHz transducers

Applications

Stratigraphy, Soil Structure
Glaciology

Software

EKKO_Interp, EKKO_Mapper, and 3D Visualization

Contact Us for:
More information on this configuration

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Use with:
12.5, 25, 50, 100, 200 MHz antennas
250, 500, 1000 MHz transducers

Applications

Stratigraphy, Soil Structure
Glaciology

Software

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Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - Hand Tow Configuration

by Sensors & Software Inc.

Portable equipment to carry out rapid GPR profiling over smooth to moderately rough surface areas.

Available with:
250, 500, 1000 MHz transducers

Software

EKKO_Intexp, EKKO_Mapper, and 3D Visualization

Contact Us for:

More information on this configuration

Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - SmartCart Configuration

by Sensors & Software Inc.

Use with:
50, 100, 200, 250, 500, 1000 MHz antennas

Software

EKKO_View, EKKO_Interp, EKKO_Mapper, and 3D Visualization

Contact Us for:

More information on this configuration

Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - SmartCart Configuration

by Sensors & Software Inc.

Use with:
50, 100, 200, 250, 500, 1000 MHz antennas

Software

EKKO_View, EKKO_Interp, EKKO_Mapper, and 3D Visualization

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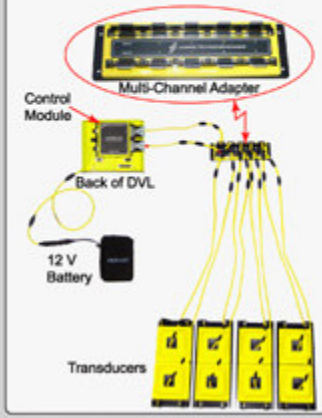
Ground Penetrating Radar (GPR) Technology

pulseEKKO PRO - Multi-Channel Configuration

by Sensors & Software Inc.

The Multi-Channel Adapter connects to the standard pulseEKKO PRO control module and enables users to connect any combination up to eight transmitters and receivers for Multi-Channel data acquisition.



Use with:
12.5, 25, 50, 100, 200 MHz antennas
250, 500, 1000 MHz transducers

Software

Multi-Channel data are de-multiplexed (sorted) using the EKKO_Demux software. For processing and display use *EKKO_View, EKKO_Interp, EKKO_Mapper, 3D Visualization.*

Contact Us for:

More information on this configuration

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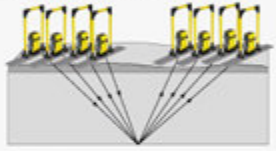
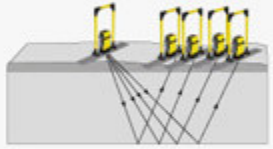
Common Multi-Channel configurations

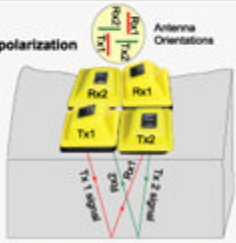
Common Mid-Point (CMP)



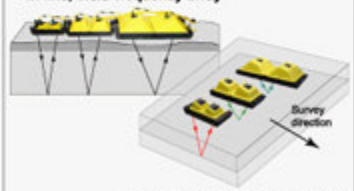
Wide Angle Reflection and Refraction (WARR)



Multi-polarization



In-line, multi-frequency array



Cross-line, multi-frequency array

Use with:
12.5, 25, 50, 100, 200 MHz antennas
250, 500, 1000 MHz transducers

Software

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