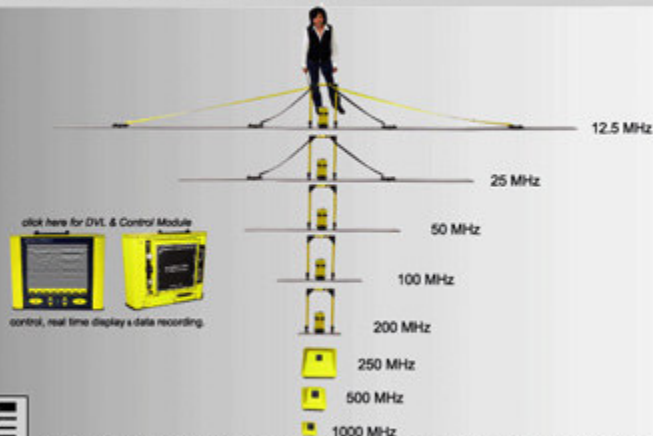


INNOVATIVE, VERSATILE, FLEXIBLE, CUTTING EDGE



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.



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

Software

EKKO_View, EKKO_Mapper, EKKO_Interp
3D Visualization

Variable antenna separation and orientation to conduct transillumination and multi-offset surveys or to work in rough, poorly accessible areas.

Easy GPS integration

DVL & Control Module

DVL Carrier

12 V belt battery

Fibre optic cables for high quality signal

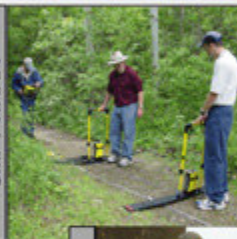
Receiver

Trigger acquisition or enter survey markers

Bistatic operation
100 MHz Antennas

Wide range of Transmitters

CMP / WARR



Transillumination



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



Variable antenna separation and orientation to conduct transillumination and multi-offset surveys or to work in rough, poorly accessible areas.

Easy GPS integration

DVL & Control Module

DVL Carrier

12 V belt battery

Fibre optic cables for high quality signal

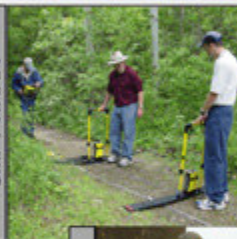
Receiver

Trigger acquisition or enter survey markers

Bistatic operation
100 MHz Antennas

Wide range of Transmitters

CMP / WARR



Transillumination



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

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More information on
this configuration





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



Small Wheel Odometer



Abrasion Resistant Skid Plate

Available with:
250, 500, 1000 MHz transducers

Software

EKKO_Intep, EKKO_Mapper, and 3D Visualization

Contact Us for:
More information on
this configuration



Cover large flat open areas,
such as lawns, roads and sidewalks.

DVL & Control Module

Easy GPS
integration

Fibre optic cables for
high quality signal

Tough fibre glass
cart - no metal

Wide range of
transmitters

Receiver

Battery

Odometer

200 MHz antennas
Bistatic operation



New battery 9Ah,
3.9 kg (8.6 lb) lighter,
smaller, 12V gel cell



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



Cover large flat open areas,
such as lawns, roads and sidewalks.



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

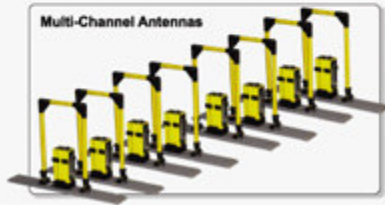
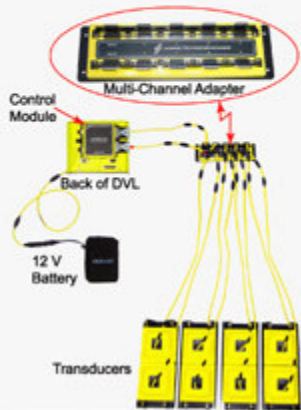
Software

*EKKO_View, EKKO_Interp,
EKKO_Mapper, and 3D Visualization*

Contact Us for:
More information on
this configuration



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*.

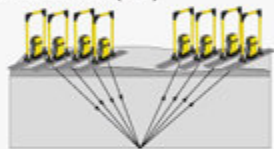
Contact Us for:

More information on
this configuration

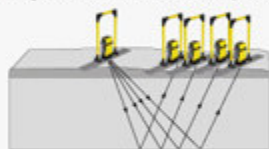


Common Multi-Channel configurations

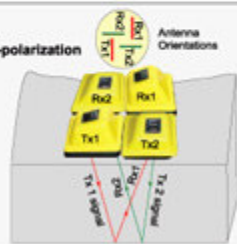
Common Mid-Point (CMP)



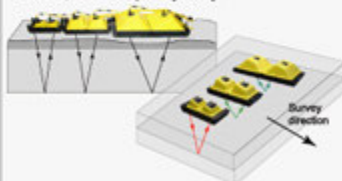
Wide Angle Reflection and Refraction (WARR)



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 transducersSoftware

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

Facilitates work in
hard-to-access areas.

The lightweight and
compact sensor head
containing 1000MHz
transducers is
ideal for overhead work.



Contact Us for:

More information on
this configuration

