Opera Duo
First class underground surveys

Dual frequency antenna lets you see shallower as well as deeper targets.
Advanced GPS integration allows you to perform professional surveys.
New design and parts make it practically indestructible.
All these features in the most intuitive Ground Penetrating Radar ever.

IDS: the leader in multi-frequency and multi-channel Ground Penetrating radar
Opera Duo

Opera Duo Features

Superior maneuverability
A large, comfortable handle to make pushing and pulling easier, large wheels for better control and a balanced weight distribution to offer the minimum resistance.

Robust
Engineered and built to withstand the harshest field conditions, the Opera Duo is suitable for heavy use in every type of terrain.

Easy to use
Opera Duo uses an intuitive interface. Just click the start button to receive the best performance in every soil condition. There is no longer a need to perform calibration or adjust any other manual settings.

Results delivered on site
IDS’s proprietary solution tracks the position of the radar and marks targets automatically. All of the acquired data can be exported to CAD and a report can be produced directly on site.

SOFtWAre SPEcIFIC A tIONS

POSitiONiNG:
2 integrated encoders and/or GPS - total station

SCAN rAte Per ChANNel (@512 SAmPleS/SCAN):
381 scans/sec

SCAN iNterval:
42 scans/m

POWer SuPPly:
SLA Battery 12vDC 12 Ah

ANteNNA SPEcIFIC A tIONS

Fixed tranSMiSSiON:
True Color

Detected targets:
Water, Metal, Unknown

On Site digital map exportation

Shallow and deep antenna radargram

GPS path

Targets detected

Spray marker kit

Adjustable handle always gives you the perfect grip

Dedicated pole mounted GPS kit

No exposed cables, providing peace of mind assurance of no ruptures in the field

IDS INGEGNERIA DEI SISTEMI

OPeRA DUO A CCUSSION

Pivoting head provides better contact on uneven terrain and reduces signal loss

Remote controlled spray paint in order to mark your findings

Dual-frequency antenna to locate deep and shallow targets simultaneously