

Conquest SL - Small & Light

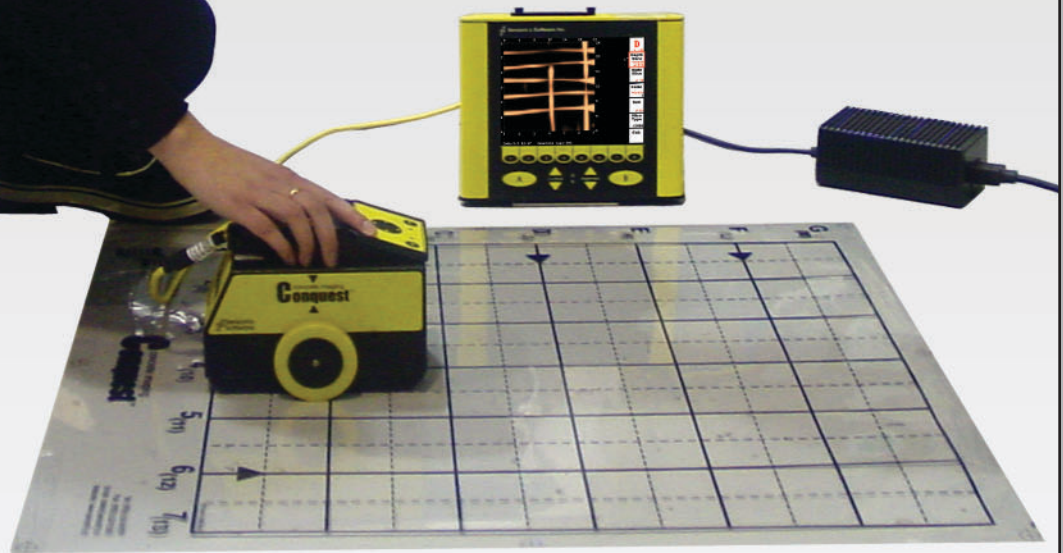
Sensors & Software Inc.

Conquest SL is a GPR system designed specifically for concrete investigations. Lighter and more compact than our standard Conquest, the SL unit retains the key capabilities that have made Conquest the preferred non-destructive imaging tool in the industry.



Features

- Line Scanning for reconnaissance surveys
- Grid Scanning for detailed mapping
- Power Cable Detection (PCD)
- Real-time locating of embedded objects
- On-site 3D imaging
- Rugged carry case
- AC mains power supply
- Optional Battery
- Optional ConquestView PC imaging software



Whatever your concrete imaging needs may be - cutting or coring, structural forensic investigations or as-built assessments, Conquest SL is the imaging solution for you.

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s u b s u r f a c e i m a g i n g s o l u t i o n s

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Digital Video Logger (DVL)
Control Module

Sensor Head Cable

Sensor Head

Digital Video Logger (DVL) Control Module

- Controls high speed digital data acquisition and processing
- Simple user interface
- Rugged, weather proof
- Bright, high contrast, sunlight visible
- LCD screen
- Multiple data ports
- Support of large flash storage memory
- Quick release mounting
- Collapsible stand

Sensor Head

- Lightweight for overhead work
- Integrated odometer wheel
- Keypad for remote operation

Sensor Head Cable

- 5m (15 ft) standard
- Optional 10 m (33 ft)

Technical Specifications

Sensor Head size	148 x 127 x 187 mm (5.84 x 5.00 x 7.38 in)
Sensor weight	0.99 kg (2.18 lbs)
DVL Control Module weight	2.5 kg (5.51 lbs)
DVL screen	640 x 480 VGA, TFT, 400 Nits
Operating temperature	-20°C to +70°C (display), -40°C +50°C (electronics)
Input voltage	12V
Current	1.35A
Battery type (optional)	Lead Acid Gel cell - belt battery
Battery capacity (optional)	9 Ah
Regulatory Specifications	FCC 15.509, IC RSS 220, ETSI 302066