

**SENSORS & SOFTWARE®**   
from RADIODETECTION

# LMX100™

## Utility locating with GPR made simple

Trying to avoid dangerous and costly hits  
to critical utilities?

Want to find more utilities at your job site?

Non-metallic utilities without tracer wires  
giving you trouble?

If so, then LMX100™ is the right GPR for you.

**SPX**   
TECHNOLOGIES

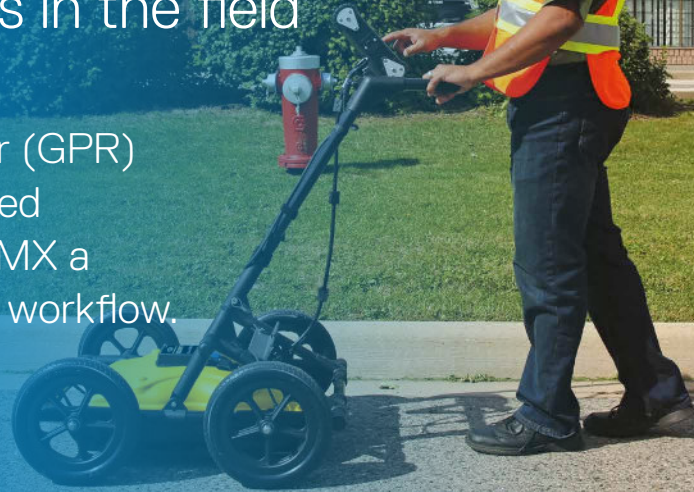




# LMX100™ overview

The simple, efficient way to  
**Locate & Mark™** utilities in the field

LMX® Ground Penetrating Radar (GPR) systems are designed & optimized for utility locating, making the LMX a natural addition to your locating workflow.



LMX GPR systems complement traditional pipe and cable locators and allow you to Locate & Mark:

- Metal utilities, including pipes and cables
- Non-metallic pipes, including PVC and asbestos cement
- Concrete storm and sewer systems
- Utilities where installed tracer wiring has failed
- Underground storage tanks and drainage tiles
- Septic system components
- Non-utility structures such as vaults, foundation walls and concrete pads





# LMX100 features

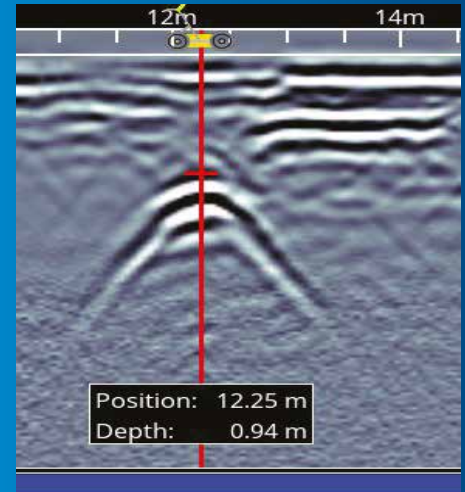
Rapidly locate **metallic**  
and **non-metallic** utilities

## Enhance your productivity

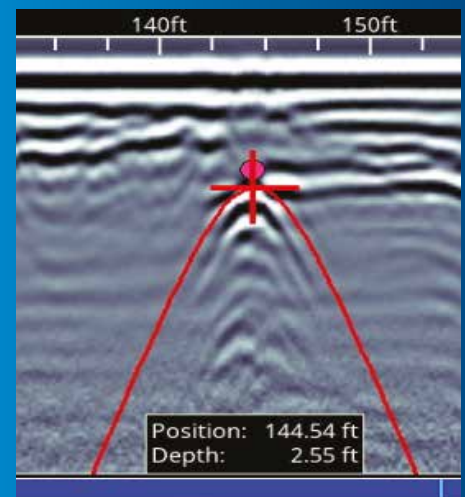
No complex settings – Just press Start and push the cart



## Pinpoint Depth & Location



## Easy Depth Calibration



Use hyperbola-fitting to ensure accurate depth measurements and backup over the target to display its location and depth.

## Dynamic Stacking (DynaQ®)



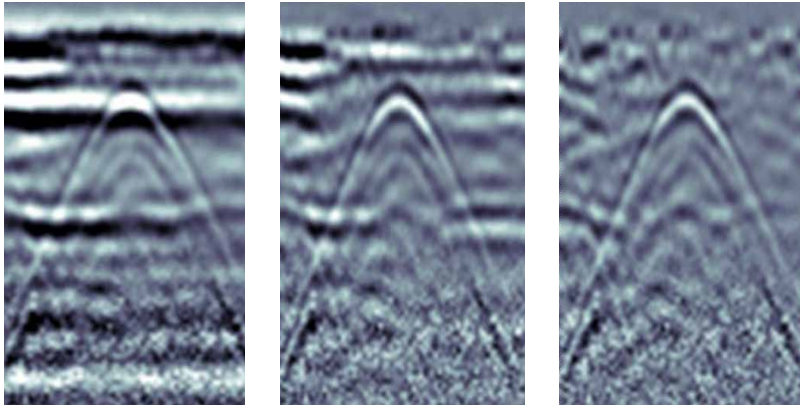
Better data quality with DynaQ. The LMX automatically adjusts stacking (averaging) based on your survey speed.

- White = No data (too fast!)
- Yellow = Moderate quality
- Light blue = Better quality
- Dark blue = Highest quality

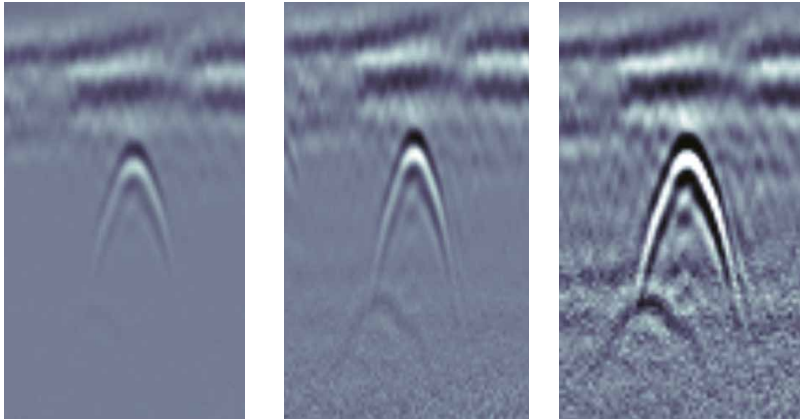


# Increase your target confidence in the field with image optimization

## Preset Filters

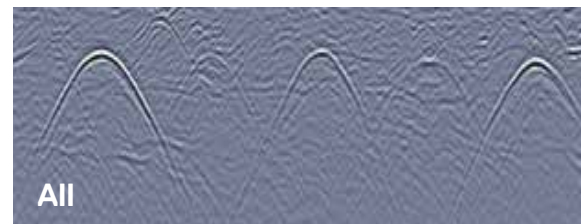
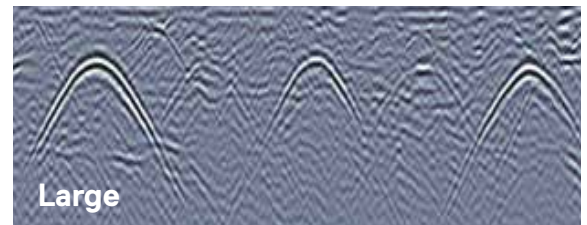
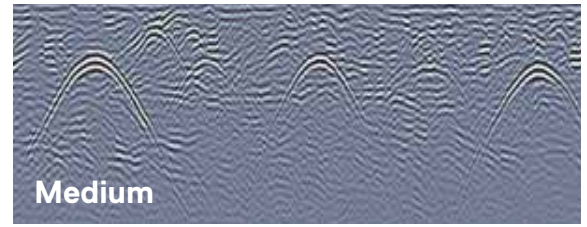
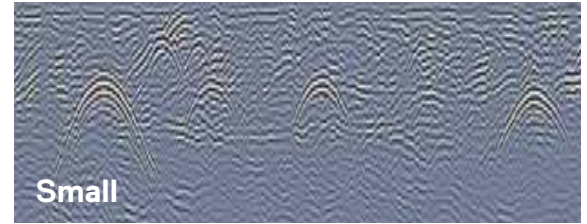


## Adjustable Gain



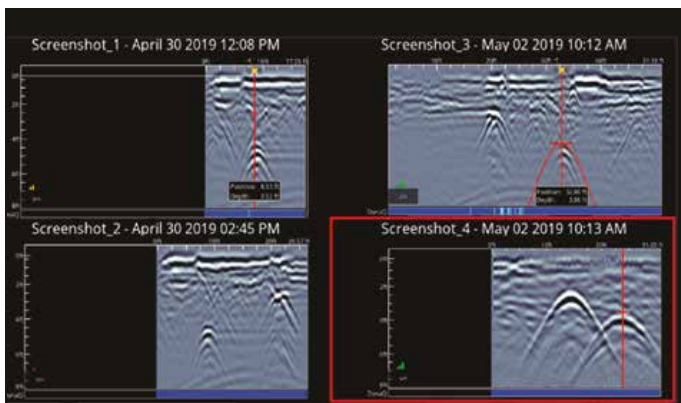
Optimize visibility of your targets with preset filters & gain.

## Dynamic Target Enhancement (DynaT™)



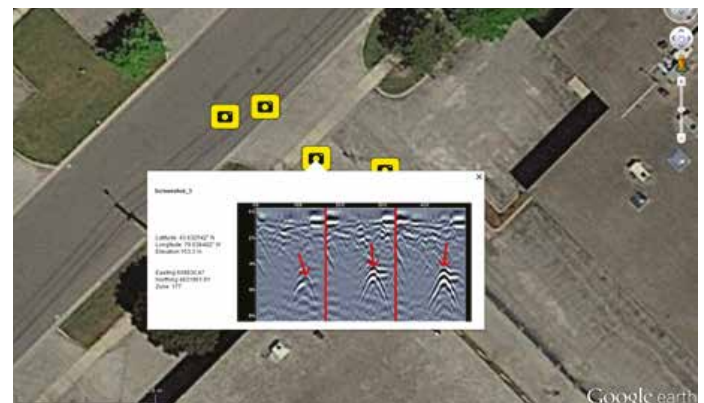
Enhance small, medium & large targets.

## Get faster deliverables



## In-field Screenshot Gallery & Wi-Fi mini-reports

Manage & review your screenshots and email them in a Wi-Fi mini-report from the field to share key collection information and images.



## Geo-tagged information for reports & archiving

All screenshots are geo-tagged and exported in a KMZ file that is easily displayed in Google Earth.™



| Weight & Dimensions                             |                                  |
|-------------------------------------------------|----------------------------------|
| Size: 100 x 70 x 115 cm (39.4 x 27.6 x 45.3 in) |                                  |
| Weight: 22 kg (48 lbs)                          |                                  |
| Display Unit size: 21 cm (8 in) diagonal        |                                  |
| Power                                           |                                  |
| 12 volt sealed lead acid gel cell               |                                  |
| Battery Capacity: 9.0 Ah                        | Battery Weight: 3.6 kg (7.9 lbs) |
| Battery Life: 4-6 hours                         | Charger: 110-240V                |

| Environmental & Temperatures                            |                                                               |
|---------------------------------------------------------|---------------------------------------------------------------|
| Ruggedized, environmentally sealed unit and connections |                                                               |
| IP65                                                    | Operating temperature range: -40°C to +50°C (-104°F to 122°F) |
| Regulatory Specifications                               |                                                               |
| Meets FCC 15.509, IC RSS-220 and ETSI EN-302066         |                                                               |
| Data Storage                                            | Depth                                                         |
| 10,000+ screenshots                                     | Up to 8 meters (25 feet)                                      |

### Useful resources to make the most of your LMX:

- [LMX100 training videos](#)
- [Utility Locating with GPR \(Nulca-accredited\) interactive and online course \(SensoftU.com\)](#)
- [Webinars and free online resources](#)
- [Learn more about our training offerings](#)

## Our Mission

Provide best in class equipment and solutions, to prevent damage to critical infrastructure, manage assets and protect lives.

## Our Vision

To be the world's leader in the management of critical infrastructure and utilities.

## Our Locations



### USA

Raymond, ME  
Kearneysville, WV

### Canada

Mississauga, ON



### Europe

United Kingdom **HQ**  
France  
Germany  
The Netherlands



### Asia Pacific

India  
China  
Hong Kong  
Indonesia  
Australia

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