



TERRA PS100

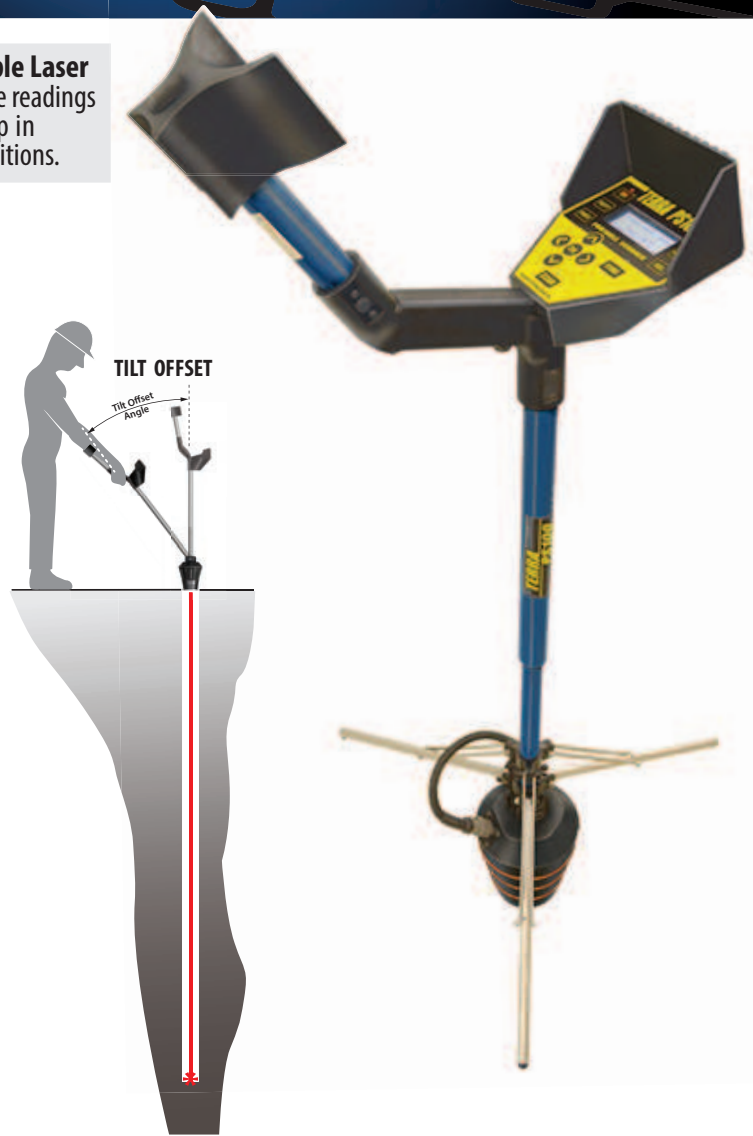
PORTABLE SCANNER

For Blast Hole's Depth and Current Conditions

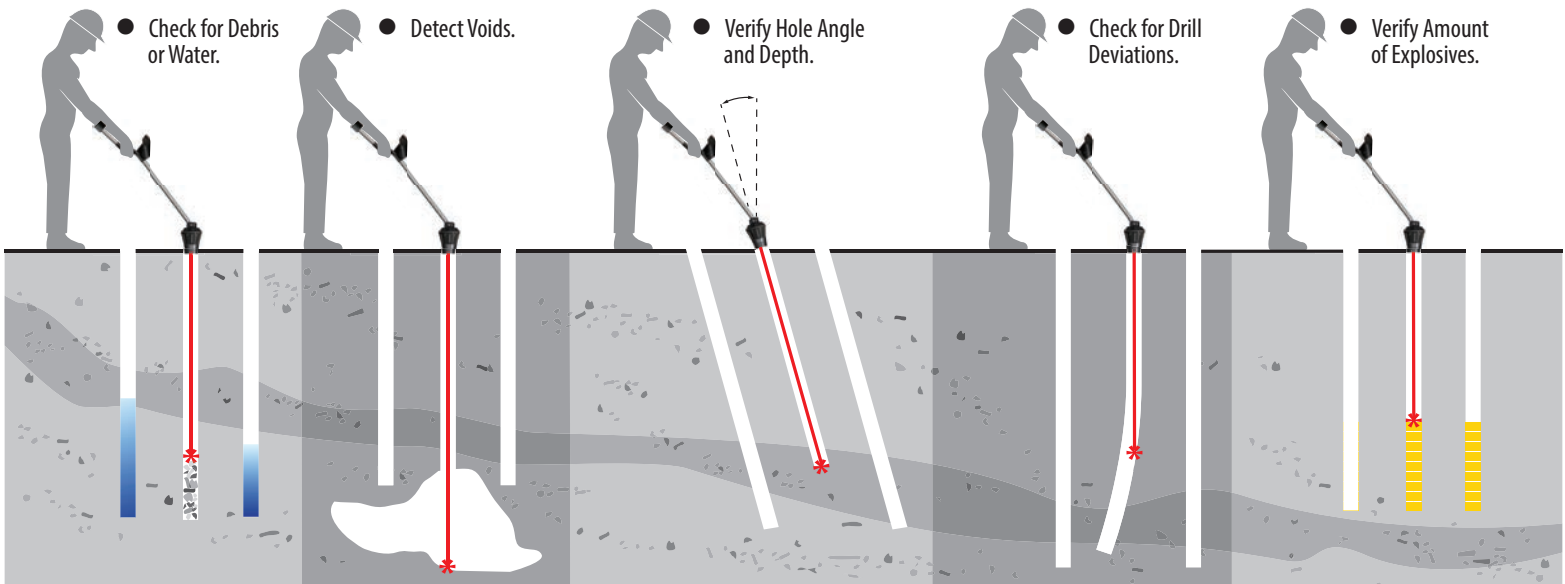
The **TERRA PS100** is a **Portable Laser Scanner** designed for accurate readings of several elements that help in detecting the blast hole's conditions.

Terra PS100 Easy to Use features:

- **Rugged & Tough** - Designed for **Durability**.
- **Tilt Laser Head** - Cone shape design seats and aligns into hole for accurate readings. Scanner Head fits into 4 to 14 inch hole.
- **Tripod** - Stabilizing tripod used for steady and accurate readings.
- **Tilt Offset** - Compensates for angle while holding scanner.
- **Telescoping Extension** - Adjusts to individual user ergonomic features.
- **Arm Support** - For steady accurate readings and ease of carrying.
- **Display Interface** - User friendly navigation of functions.
- **Data Storage** - Stored readings: Project Names, Depths, Angles, Hole Names, Times, and Notes.
- **USB Port** - Data transfer and battery charging.
- **Chargeable Battery** - Rechargeable large capacity LI-ION battery designed to last the day. Charges via USB port.
- **WiFi Communication** - Data sharing, Intergration, Mobile Apps.
- **Industrial Grade Laser** - No eyewear protection required.
- **Project Creation Features** - Multipule scanning projects can be created containing thousands of of stored hole readings.
 - User is able to add comments (Bad, Do Not Fill, Block, etc.)
 - Project data is up-loadable to the blast charging equipment for the latest the blast hole condition report.



USAGES:





DTI

Dragan Technologies Inc.

www.dticanada.com

TERRA PS100

PORTABLE SCANNER DEPTH MEASUREMENT

The **TERRA PS100** Scanner Quickly and Accurately Checks and Verifies Drilled Hole Depths .

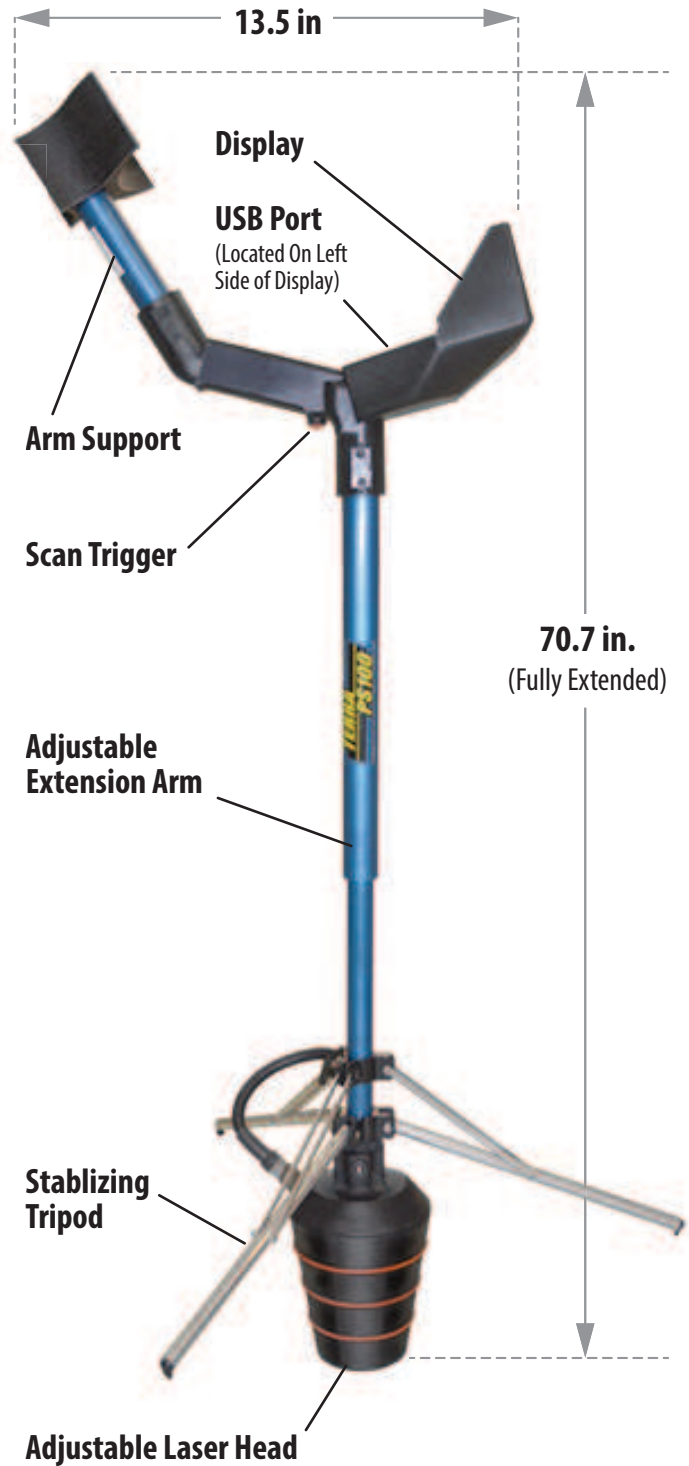
- Check for water or debris in hole.
- Check Hole Angle and Depth.
- Detects if hole is drilled into a void.
- Checks hole for drill deviation .
- Verify amount of explosives in hole.
- Verifies if hole is correct depth.

TERRA PS100_Specifications:

Height: Fully Extended	70.7 in.
Retracted	62.7 in.
Width:	6.6. in
Depth:	7.7 in.
Weight:	8.8 lbs (4 kg)

LASER Specifications:

Typical measuring accuracy for DTI-B-3	± 3.0 mm @ 20
Smallest unit displayed	0.1 mm
Measuring range on natural surfaces	0.05 to approx. 30 m
Diameter of laser spot at target at a distance of	8mm @ 10m
Max Measuring Rate	3Hz
Weight	280 grams
Operating Temperature	-20 +50
Repeatability typ.	+/- 1.5 mm
Laser red, visible	✓
Class	3



For more information on DTI products visit our website or contact us at:
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