

NOW INCLUDES DIGITAL
COMPASS

LaserAce[®] Burden Finder

REAL TIME BLASTHOLE BURDEN MEASUREMENTS IN THE PALM
OF YOUR HAND



world leading laser measurement technology



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LaserAce® Burden Finder is a DIRECT Blasthole-Burden measurement system. The Class 1 eyesafe reflectorless laser instrument allows users to input basic drilling parameters (drill angle, collar-crest distance and required minimum burden).

Shoot any point on the face in front of a blasthole and directly display the calculated burden and hole depth for that point. A percentage indication of over/under burden is also displayed. The 2D profiling device requires no field recorder or computer to calculate burden and depth profiles. Sequential shots taken from the crest to toe in front of the blasthole allows a complete table of burden depths to be saved and displayed. Maximum and minimum burdens can be recalled and displayed.

All measured data can be transferred to PC computers and printers using the internal Bluetooth® data radio. The unit now includes an optional internal digital compass which enables the user to measure face width quickly and easily.

Benefits

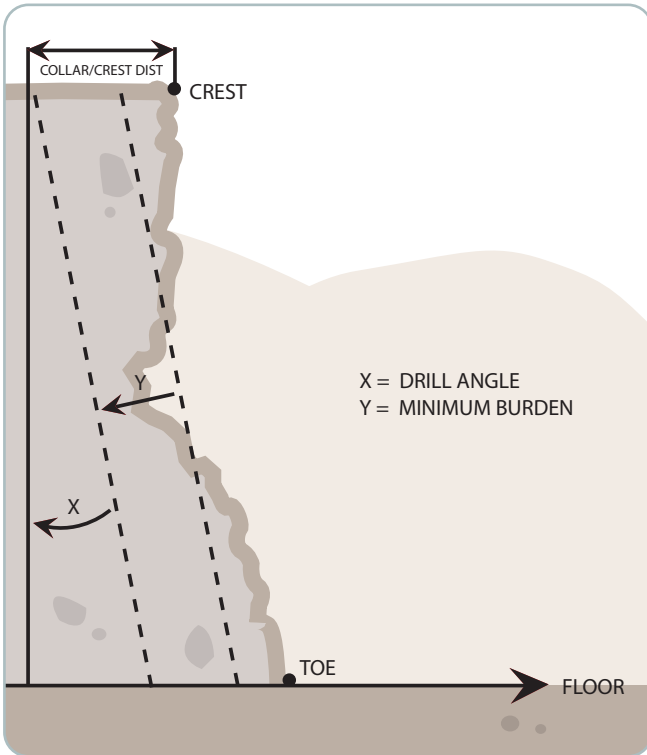
- Design blasts
- Optimise burden
- Assist in safety
- Gives real time burden & face height calculations
- Measure inaccessible or dangerous areas safely
- Direct readings, no external computers required
- Lightweight and portable
- No cables
- No need for reflective targets (reflectorless)
- One person operation
- Novice or expert use
- Single integrated unit
- Reduce survey time

Features

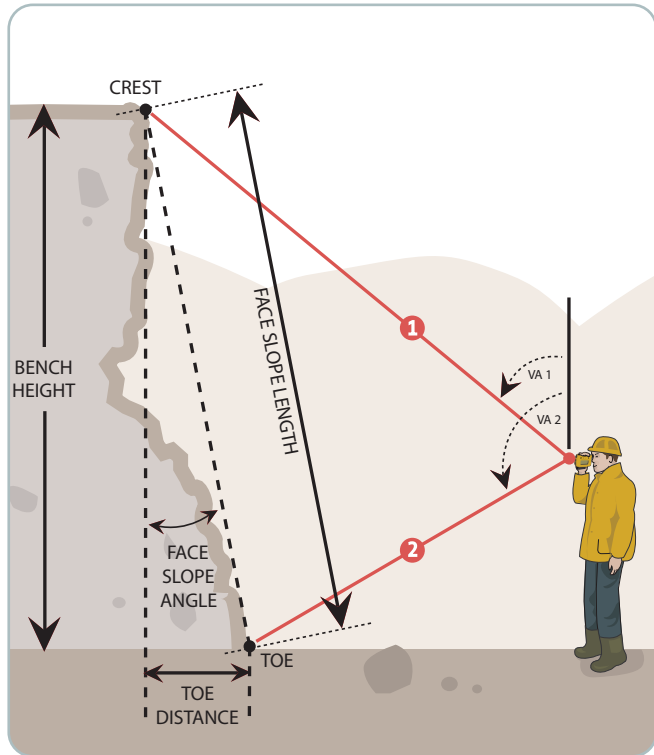
- Laser distance meter
- Digital inclinometer
- x5 optical sighting scope
- Micro computer & LCD
- Active electronic reflector mode
- Graphics display
- On board memory
- Bluetooth® or RS232 serial data communication



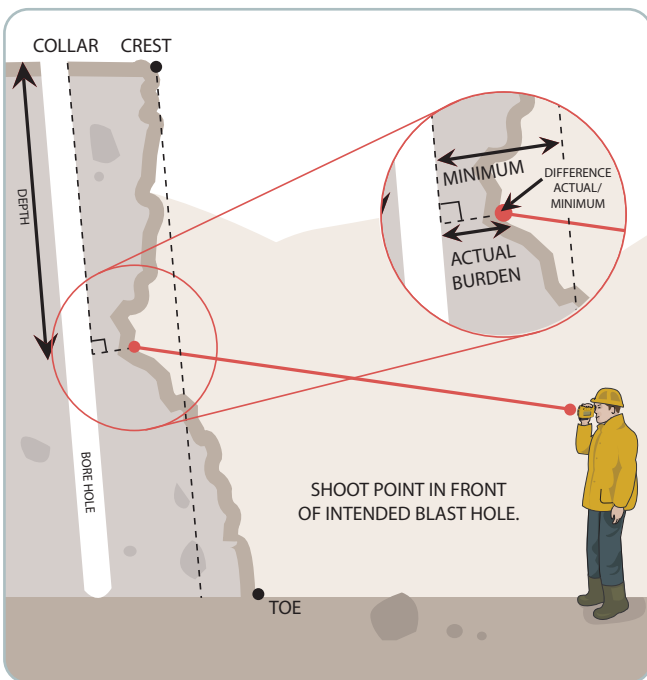
Step 1



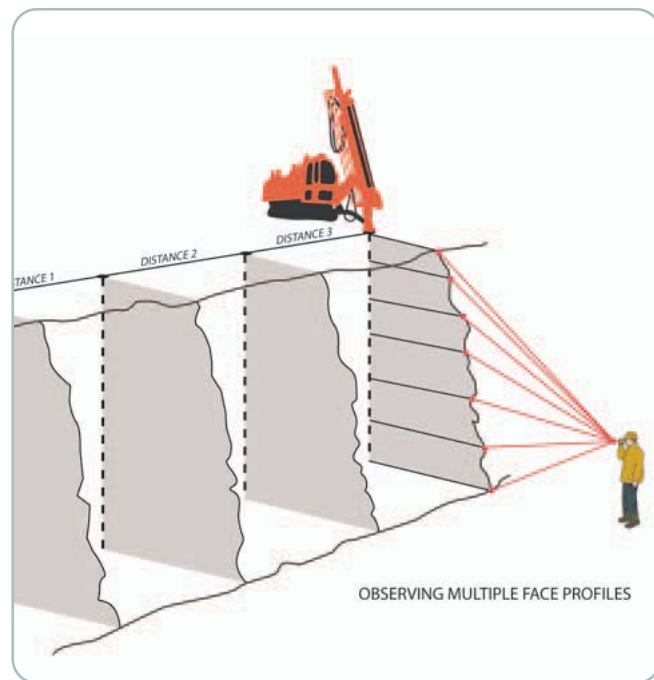
Step 2



Step 3



Multiple Profiles



Technical Specifications

- Class 1 eye safe (FDA/ IEC) laser
- 150m/ 500' reflectorless range (no reflective target)
- 600m/ 2000' range with reflector (reflective target used)
- Accuracy 5cm/ 2"

Environmental

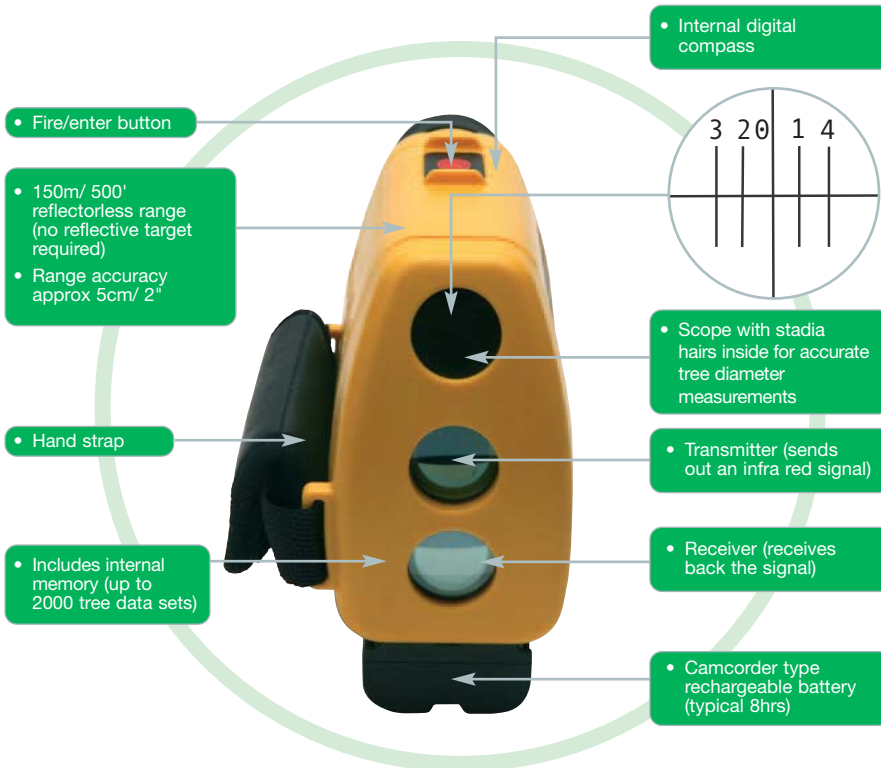
- Water & dust resistant (IP63)
- Operating temperature -10°C to +45°C

Sensor

- Digital Inclinometer
- Range +/- 70° from horizontal
- Accuracy 0.2° at level

Power & Dimensions

- 'Camcorder' type rechargeable batteries (typical 8hrs) (charger supplied)
- Weight 400g/ 14oz
- Size: 110mm L x 100mm W x 50mm H (4.3" L x 3.94" W x 1.97" H)



Compass (option)

Characteristics	Conditions	Min	Type	Max	Units
Heading accuracy	At level		2.0	3.0	+/- deg P.P
Heading Res	Output data		0.1		Degrees
Tilt Range	From level		+/- 70		Degrees

**CLASS 1
LASER PRODUCT**



For more information on the LaserAce® Burden Finder:



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9001/2000 Certified

