MOBILE MAPPING SOLUTIONS

+ Smartphone Apps
+ Esri® Mobile Solutions
+ GPS / GNSS Mapping Accessories
+ LTI Field Data Collection Software

www.lasertech.com
LaserSoft™ Measure App

Makes field measurements as easy as 1-2-3, stores scope shot images and files them any way you want.

- Makes data collection easy for non-GIS experts
- Stores 7x scope shot images and all laser data values
- Organizes files by project name

Only $9.99

- Search “LaserSoft Measure”

GeoJot+

Geotags photos, auto-accepts remote laser positions and heights, and sends all collected data in real time via the cloud.

- Runs on most mobile devices (iOS, Android and Windows Mobile)
- Generates reports and exports Shape files
- Easily transfers licenses between devices

ArcGIS® for Windows Mobile

Transfers the laser’s distance, inclination and azimuth data into a current GPS location and creates a corresponding vertex for target geometry.

- Collects, edits and updates features and attributes
- Provides a laser offset solution for the built-in CollectionFeaturesTask
- Uses points, polylines or polygons for field data collection

TruPulse® 200L

Calculates HD, HT & 2D ML. Outperforms and costs less than many recreational rangefinders.

TruPulse® 200B

Calculates HD, HT & 2D ML. Produces better accuracy, increases field of view and transfers data via Bluetooth®.

TruPulse® 200X

Calculates HD, HT & 2D ML. Achieves the highest accuracy, adjusts to varying light conditions and is waterproof.
MapStar® TruAngle®
Achieves high horizontal angle precision and is completely unaffected by local magnetic interference.
- Produces accurate 3D positions with any LTI laser
- Sets up, levels and zeros out in a matter of seconds
- Operates easily with simple two-button interface

Novagrade® Universal Adapters
Turns your smartphone or tablet into a field data collection machine and is the only compact digiscoping adapter on the market.
- Aligns the TruPulse optics with the device’s camera lens
- Allows you to shoot images or video of the laser’s in-scope data display

LaserGIS® for ArcPad®
Enhances laser mapping in ArcPad with quicker configurations, fewer steps and more automated attribute data input.
- Auto-accepts heights and other attribute data
- Maps multiple targets without touching the software
- Adds traverse and area calculations

MapSmart®
Makes field data collection easy for non-surveyors and exports the data into Excel for simple post processing.
- Collects data by your choice of four mapping methods
- Displays points, lines and polygons in real time
- Calculates stockpile volume (optional upgrade)
- Operates on Window Mobile devices (WM5 or later)

TruPulse® 360°
Calculates HD, HT & 3D ML. Solves 3D missing line calculations between two remote points and measures AZ.

TruPulse® 360°B
Calculates HD, HT & 3D ML. Provides full measurement capabilities and transfers data via Bluetooth®.

TruPulse® 360°R
Does it all and transfers data via Bluetooth®. Withstands harsh environments with a rugged, waterproof housing.
# Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>TruPulse® 200L</th>
<th>TruPulse® 200/B</th>
<th>TruPulse® 200X</th>
<th>TruPulse® 360°/B</th>
<th>TruPulse® 360°R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measures Azimuth with TruVector Compass Technology</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes, plus Az</td>
<td>Yes</td>
</tr>
<tr>
<td>Calculates SD, H1, H2, V1 and V2 and VNC Between Two Runside Points</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes, plus Az</td>
<td>Yes, plus Az</td>
</tr>
<tr>
<td>Distance Accuracy to Typical Targets</td>
<td>± 1 m (3 ft)</td>
<td>± 30 cm (1 ft)</td>
<td>± 4 cm (1.6 in)</td>
<td>± 30 cm (1 ft)</td>
<td>± 30 cm (1 ft)</td>
</tr>
<tr>
<td>Distance Accuracy to Very Distant/Weak Targets</td>
<td>± 1 m (3 ft)</td>
<td>± 0.3 to 1 m (1 to 3 ft)</td>
<td>± 4 to 30 cm (1.6 to 1 ft)</td>
<td>± 0.3 to 1 m (1 to 3 ft)</td>
<td>± 0.3 to 1 m (1 to 3 ft)</td>
</tr>
<tr>
<td>Inclination Accuracy</td>
<td>± 0.5° Relative</td>
<td>± 0.25° Typical</td>
<td>± 0.1° Typical</td>
<td>± 0.25° Typical</td>
<td>± 0.25° Typical</td>
</tr>
<tr>
<td>Azimuth Accuracy</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Max Range to Reflective Targets</td>
<td>1750 m (5,740 ft)</td>
<td>2000 m (6,560 ft)</td>
<td>2500 m (8,200 ft)</td>
<td>2000 m (6,560 ft)</td>
<td>2000 m (6,560 ft)</td>
</tr>
<tr>
<td>Max Range to Non Reflective Targets</td>
<td>1750 m (5,740 ft)</td>
<td>1000 m (3,220 ft)</td>
<td>1900 m (6,233 ft)</td>
<td>1000 m (3,220 ft)</td>
<td>1000 m (3,220 ft)</td>
</tr>
<tr>
<td>RS232 Serial Com Port</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Bluetooth® Com Port</td>
<td>No</td>
<td>B model has Android</td>
<td>iOS and Android</td>
<td>B model has Android</td>
<td>Android</td>
</tr>
<tr>
<td>Scope Magnification / In-Scope Display Type</td>
<td>4× / LCD</td>
<td>7× / LCD</td>
<td>7× / LCD</td>
<td>7× / LCD</td>
<td>7× / LCD</td>
</tr>
<tr>
<td>In-Scope Field of View</td>
<td>131 m @ 915 m away (430 ft @ 3,000 ft)</td>
<td>100 m @ 915 m away (330 ft @ 3,000 ft)</td>
<td>100 m @ 915 m away (330 ft @ 3,000 ft)</td>
<td>100 m @ 915 m away (330 ft @ 3,000 ft)</td>
<td>100 m @ 915 m away (330 ft @ 3,000 ft)</td>
</tr>
<tr>
<td>Waterproof / Environmental</td>
<td>No / IP54</td>
<td>No / IP54</td>
<td>Yes / IP55</td>
<td>No / IP54</td>
<td>Yes / IP56</td>
</tr>
<tr>
<td>Temperature</td>
<td>-20° to 60° C (-4° to 140° F)</td>
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</tr>
<tr>
<td>Battery Type (8 hrs. of continuous use)</td>
<td>(1) CR123A</td>
<td>(2) AA or (1) CRV3</td>
<td>(1) CR123A</td>
<td>(2) AA or (1) CRV3</td>
<td>(1) CR123A</td>
</tr>
<tr>
<td>Size L x W x H</td>
<td>11.5 x 10 x 5 cm (4.5 x 2 x 2 in)</td>
<td>12 x 5 x 9 cm (5 x 2 x 3.5 in)</td>
<td>13 x 5 x 11 cm (5.2 x 2.1 x 4.5 in)</td>
<td>12 x 5.9 x 9 cm (5 x 2 x 3.5 in)</td>
<td>13 x 5 x 11 cm (5.2 x 2.1 x 4.5 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>220 g (8 oz)</td>
<td>285 g (10 oz)</td>
<td>382 g (13.5 oz)</td>
<td>205 g (7 oz)</td>
<td>385 g (13.6 oz)</td>
</tr>
<tr>
<td>Available Colors</td>
<td>LTI Red</td>
<td>Yellow</td>
<td>Grey</td>
<td>LTI Red</td>
<td>Grey</td>
</tr>
</tbody>
</table>