



SALES | SERVICES SURVEYING EQUIPMENT

catalog

Website: www.precisionindia.co.in
Ph: 9864093910 / 9435304264
E-mail: sales@precisionindia.co.in

Always innovative

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers a wide selection of innovative Surveying, Engineering, GNSS systems, Laser, Machine Control solutions, Mobile Mapping and GIS products.

At Topcon we know your geo-business world is getting increasingly competitive. Therefore it is vital to constantly investigate and utilise each and every competitive advantage

available with your positioning solutions to stay at the top of your profession. We pride ourselves in continually developing innovative and world leading technologies. Utilising unique technologies, our products provide the best solutions to simplify and improve your everyday tasks.

Topcon's innovations help you increase your productivity, satisfy challenging demands of your clients and assist you to enter new markets.

At Topcon we understand that the choices available for positioning tools can sometimes seem a little bewildering; because of this, we have compiled this catalogue in order to assist you to make the right decisions as to what you need to for your specific projects.



TOPCON



KEY FEATURES - OS

- Advanced Security and Maintenance with New TSshield™
- MAGNET Field On-board
- Exclusive LongLink™ Communications Functionality
- Fast and Powerful EDM
- Advanced Angle Accuracy

SURVEY



KEY FEATURES - ES

- Advanced Security & Maintenance with New TSshield™
- Exclusive LongLink™ Communications Functionality
- Fast and Powerful EDM
- Advanced Angle Accuracy
- Super Long Battery Life – 36 Hours!
- Rugged, Waterproof Design

Total Stations – Leica FlexLine Plus



Leica FlexLine TSo6plus

Top Precision meets High Efficiency

Ideal for mid to high accuracy applications. The full alpha-numerical keyboard and built-in Bluetooth, USB host and device board offer highest user friendliness.

For basic to advanced users with the need for flexibility and performance.

To ensure that you stay one-step-ahead, Leica Geosystems has developed a new generation of Total Stations using the latest technology, the Leica FlexLine. For the first time, hardware and software options can be simply selected so that the FlexLine Total Station exactly meets your requirements.

| | TSo6plus |
|--|--------------------------------|
| 1" angular accuracy | – |
| Enhanced measurement accuracy to prism | 1.5 mm + 2 ppm |
| Reflectorless measurement range | 500 m included / 1000 m option |
| Display with graphics and display illumination | Black & White high resolution |
| Full alpha-numerical keyboard with function keys | ✓ |
| Second Keyboard | o |
| Keyboard illumination | – |
| Electronic Guide Light | o |
| USB Type A and mini B | ✓ |
| Bluetooth® Wireless | ✓ |
| SD Card | – |
| Imaging capability | – |
| Smart Station capability | – |
| Onboard software (package content) | FlexField plus (advanced) |

SPECIFICATIONS

| NTS-312B | | NTS-312R | |
|---|---------------|---|-------|
| Distance Measurement (fine weather condition) | | | |
| Max. Range | Reflectorless | - | 300m |
| | Single prism | 3.0km | 5.0km |
| Reading | | Max.99999999.999m; Min. 1mm | |
| Accuracy | | Reflector: 2mm+2ppm | |
| Measuring Time | | Tracking mode:<0.5 s; Fine mode:<1.2 s | |
| Atmospheric Correction | | Automatic correction by inputting parameter | |
| Prism Constant Correction | | Automatic correction by inputting parameter | |
| Angle Measurement | | | |
| Measurement Method | | Absolute Encoding | |
| Raster Disk Diameter | | 79mm | |
| Minimum Reading | | 1"/ 5" selectable | |
| Accuracy | | 2" | |
| Detection Method | | Horizontal: Dual Vertical: Dual | |
| Telescope | | | |
| Image | | Erect | |
| Length | | 154mm | |
| Effective Aperture | | Telescope: 45mm; Object Lens (50mm) | |
| Magnification | | 30X | |
| Field of View | | 1°30' | |
| Resolving Power | | 3" | |
| Minimum Focussing Distance | | 1m | |
| Auto Vertical Compensator | | | |
| Type | | Liquid-electric Detection | |
| Compensation Range | | ±3' | |
| Accuracy | | 1" | |
| Level Sensitivity | | | |
| Plate Vial | | 30"/ 2mm | |
| Circular Vial | | 8'/ 2mm | |

SOUTH
Target your success

NTS-310 Series Total Station





SPECIFICATIONS

SOUTH
Target your success

| ET-02/ET-02L | | ET-05/ET-05L | ET-10 |
|---------------------------|---------------------|--------------|--------|
| TELESCOPE | | | |
| Image | Erect | | |
| Magnification | 30X | | |
| Effective aperture | 45mm | | |
| Resolving power | 3" | | |
| Field of view | 1° 30' | | |
| Minimum focusing distance | 1.4m | | |
| Stadia ratio | 100 | | |
| Stadia constant | 0 | | |
| Tube length | 157mm | | |
| ANGLE MEASUREMENT | | | |
| Reading system | Absolute Encoding | | |
| Diameter of circle(VHz) | 79mm | | |
| Minimum reading | 1"/ 5" (Selectable) | | 10" |
| Accuracy | 2 " | 5 " | 10" |
| Horizontal angle | Dual | Dual | Dual |
| Vertical angle | Dual | Single | Single |
| DISPLAY | | | |
| (LCD)Display type | 2 sides | | |

- when it has to be right

Leica
Geosystems

Leica NA300 Series

Unique. Accurate. Simple.



TOPCON

AT-B SERIES
AUTO LEVELS



SURVEYING INSTRUMENTS

SOKKIA

AUTOMATIC LEVELS

 1/4

28x/26x/24x/22x Telescope magnification
2.0mm Standard deviation for 1km double-run levelling





Leica Sprinter

Go ahead...Push the button

- when it has to be **right**

Leica
Geosystems





GARMIN GPS



Don't get blanked, get a Cuddeback!



FORESTRY - TRAP CAMERA



PROFESSIONAL BINOCULAR

AUTOMATIC WEATHER STATION



DIGITAL ALTIMETER



Global Flow Probe
Digital water velocity meter



- when it has to be right **Leica** Geosystems **LASER DISTANCE METER**

