



SALES | SERVICES SURVEYING EQUIPMENT

catalog

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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.



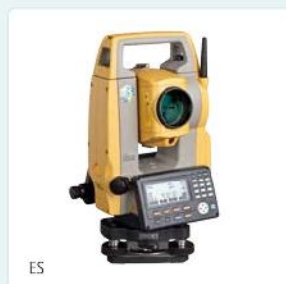
TOPCON



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	



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 NA300 Series

Unique. Accurate. Simple.



AT-B SERIES
AUTO LEVELS



SURVEYING INSTRUMENTS



AUTOMATIC LEVELS



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** 



PROFESSIONAL

GARMIN GPS



AUTOMATIC WEATHER STATION



Don't get blanked, get a Cuddeback!



FORESTRY - TRAP CAMERA



PROFESSIONAL BINOCULAR



DIGITAL ALTIMETER

WATER

Global Flow Probe

Digital water velocity meter



Leica Geosystems LASER DISTANCE METER

- when it has to be right



80m	min max	m ²	m ³	+	3 Years Warranty
IP54	m ³	a a	+	When registered within 8 weeks after purchase at: www.disto.com	

Whether you want to monitor a bridge or a volcano, survey a skyscraper or a tunnel, stake out a construction site or perform control measurements – you need reliable equipment.

Therefore you can rely on their accuracy, quality and long life. They ensure precise and reliable measurements and that you get the most from our instrument.

When it has to be right.



**Total Quality Management –
Our commitment to total
customer satisfaction**

Laser plummet:
Laser class 2 in accordance with
IEC 60825-1 resp. EN 60825-1



**Surveying
Tripods**



**Surveying
Tribachs**



**Surveying
Reflectors**



**Batteries &
Chargers**



**Storage Media
& Card Reader**

Please visit www.precisionindia.co.in
for detailed information and more documents.

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