

Zoom95 Series

Robotic Total Station



Sneller gegevens verwerken

- Groot 5" VGA-aanraakscherm
- Krachtige processor eenvoudig en snelle afhandeling van grote bestanden
- Automatische back-up van uw gegevens
- Scout: snel zoeken naar prisma's binnen een groot gebied

Maximum flexibiliteit

- Veldsoftware: X-PAD Ultimate Survey of Build op Android, X-PAD Survey of Construction op Windows Mobile
- Veldcomputers: GeoMax of je eigen apparaat

Moderne techniek

- Nieuwste Hexagon technologie
- Stress-vrij werken: PIN/ PUK – anti-diefstal beveiliging



Scan to find out more on the
Zoom95 Product Page

Zoom95 Series

Zoom95 is de perfecte eenmans total station.

De Zoom95 is het echte vlaggenschip van het GeoMax TPS-portfolio. Met de geavanceerde STReAM360-technologie minimaliseert u aanzienlijk de tijd van elke meting en maximaliseert het uw prestaties en nauwkeurigheid. In combinatie met de gebruiksvriendelijke X-PAD software is het mogelijk om razendsnel de metingen te digitaliseren en vanuit het veld te delen met kantoor of collega's in het veld.

ANGLE MEASUREMENTS

Accuracy	1" (0.3 mgon), 2" (0.6 mgon), 3" (1.0 mgon), 5" (1.5mgon)
Display resolution	0.1" (0.1 mgon)
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

TELESCOPE

Magnification	30x
---------------	-----

DISTANCE MEASUREMENTS TO STD. PRISM ACCURACY/TIME (TYPICAL)

Single (fast)	2 mm + 1.5 ppm / 0.8s
Standard	1 mm + 1.5 ppm / 2.4s
Continuous	3 mm + 1.5 ppm / < 0.15s
Range	up to 3500m

DISTANCE MEASUREMENTS - REFLECTORLESS

Range	accXess5 / accXXess10 500 m / 1000 m
Accuracy	2 mm + 2 ppm*
Time	Typ. 2-6 sec
Precise capture	8x20 mm at 50 m

INTERFACE

Keyboard	Full alphanumeric; 25 keys; illuminated (2nd optional)
Display	5" WVGA 800x480 colour and touch with LED backlight
Data recording	2 GB internal memory; removable SD card and USB stick
Ports	Serial; USB; internal Bluetooth®; long-range Bluetooth handle External power and WLAN
Operating system	Microsoft® Windows® EC 7.0

MOTORISATION

Technology	Hybrid Drives
GeoTRAIL - GNSS based prism search	
Speed	100 g/sec
Scout - Opto-electronic prism search	
Range	300 m at round prism
TRack - Automatic prism logging	
Range	800 m at round prism
Max speed	90 km/h at 100m
AiM - Automatic prism fine aiming	
Range	1,000 m at round prism
Hz/V accuracy	1"
Technique	Image processing

NAVLIGHT™ - ALIGNMENT AID

Range	5 m to 150 m
Accuracy	5 cm at 100 m

PHYSICAL SPECIFICATIONS

Weight	5.0 - 5.3 kg (w/o battery and tribrach)
Operating- / storage temperature	-20° C to 50° C / -40° C to 70° C
Protection class	IP55 dust and waterproof rating
Humidity	95%, non-condensing

POWER SUPPLY

Internal battery	Removable Li-Ion 4.4 Ah / 7.4 V
Operating time	Up to 8 h**

PLUMMET

Type	Laser point, adjustable brightness
Accuracy	1.5 mm at 1.5 m instrument height

* > 500 m: 4 mm + 2 ppm;

** Battery time may be shorter depending on conditions.



STReAM360

Vertical laser fan emitted from rotating instrument Scouts prism.
Target continuously TRacked. Accurate AiMing at any prism, without
looking through telescope.



Distance meter (Prism Mode): Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1; **Laser plummet:** Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1;



Distance meter (Non-Prism Mode accXess): Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1



Copyright GeoMax AG.

Illustrations, descriptions and technical specifications
are not binding and may change.

All trademarks and trade names are those of their
respective owners.

06/21 952860 en

GEOMAX

MEETCONSULT

GEOMAX Authorised Distribution Partner