



Construction

Product Guide





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- IDEAL FOR:**
- ✓ Site preparation
 - ✓ Earthworks
 - ✓ Concrete
 - ✓ Interior fit-out
 - ✓ Drainage
 - ✓ Site set-out

Features:

- ➔ 5-year Topcon warranty
- ➔ Manual slope match function (with automatic cross-axis self-levelling)
- ➔ Construction tough build with dual handles and IP66 water-resistant housing
- ➔ New LS-80L long-distance laser sensor
- ➔ 100 hrs. operating time with D Cell Battery option, or 60 hrs. with rechargeable Ni-MH batteries
- ➔ Automatic height of instrument alert (HI alert)
- ➔ Universal rod clamp for LS Series sensor



Topcon RL-H4C

D Cell Battery
CODE: 313980752



Rechargeable
CODE: 313980702



AUSTRALIA'S BEST CONSTRUCTION LASER IS NOW EVEN BETTER!

Topcon's RL-H4C self-levelling laser delivers longer range (800 m), higher accuracy (± 1.5 mm @ 30 m) and more versatility with single slope matching.



Topcon RL-H4C

| SPECIFICATIONS: | |
|-----------------------------|---|
| Accuracy | Horizontal ± 10 arc seconds (± 1.5 mm @ 30 m) |
| Self-levelling range | Horizontal $\pm 5^\circ$ |
| Operating range | 400 m radius / 800 m |
| Rotation speed (r.p.m.) | 600 r.p.m. |
| Light source | Visible laser |
| Laser power | 2.4 mW |
| Laser class | 3A |
| Water proof/ dust-resistant | IP66 |
| Operating time | 100 hrs. with D cell batteries 60 hrs. with Ni-MH battery option |
| Operating temperature | $-20^\circ\text{C} + 50^\circ\text{C}$ |
| Size | 177 (L) \times 195.6 (W) \times 216.5 (H) |

Kit includes:

- RL-H4C Laser
- LS-80L Sensor (Dual LCD - 11 Channel Graduating Arrow)
- Sensor Holder 6
- Batteries (D Cell)
- Carry Case
- **Optional** - Apache Storm Laserometer with Digital Readout of Elevation

(Pg. 50)





DURABLE, DEPENDABLE, HIGH VALUE AUTO LEVEL

Utilising a finely tuned magnetic damping system, AT-B Series automatic levels quickly level and stabilise the line of sight. These precision instruments ensure reliable levelling even when working near heavy equipment or busy roads where fine vibrations could be present.

Features:

- Choice of 3 models – 32x, 28x and 24x magnifications
- Rapid, accurate and stable automatic compensation
- Ultra-short 20 cm focussing
- All-weather dependable
- Clampless, endless fine horizontal adjustments



Topcon AT-B Series

AT-B2 CODE: 2110220B0
32 x Magnification



AT-B3 CODE: 2110230B0
28 x Magnification



AT-B4 CODE: 2110240B1
24 x Magnification



| SPECIFICATIONS: | | | |
|-------------------------------------|----------------|----------------|----------------|
| | AT-B2 | AT-B3 | AT-B4 |
| Length | 215 mm | 215 mm | 215 mm |
| Magnification | 32X | 28X | 24X |
| Objective aperture | 42 mm | 36 mm | 32 mm |
| Resolving power | 3 in. | 3.5 in. | 4 in. |
| Field of view (at 100 m) | 1°20' 2.3 m | 1°25' 2.5 m | 1°25' 2.5 m |
| Focussing knob | 2-speed | 1-speed | 1-speed |
| Sighting aid | Peep Sight | Gun Sight | Gun Sight |
| Accuracy for 1 km double run | ±0.7 mm | ±1.5 mm | ±2.0 mm |
| Accuracy with micrometre | ±0.5 mm | n/a | n/a |
| Circular level sensitivity | 2 mm | 2 mm | 2 mm |
| Horizontal circle diameter | 103 mm | 103 mm | 103 mm |

20 cm Ultra-Short Minimum Focus

The AT-B Series can focus on objects at 30 cm in front of the telescope. This feature dramatically facilitates work in confined spaces.



IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Concrete
- ✓ Drainage
- ✓ Site set-out

Kit includes:

- AT-B Level
- Plumb Bob
- Hex Wrench
- Adjusting Pins
- Vinyl Cover
- Cleaning Cloth & Lens Cap
- Carry Case



2) AUTO-LEVELS



Astor AT-20 Automatic Level

CODE: 03-10-AT-20



The Astor AT-20 Automatic Level is an ideal entry level option, featuring 20 x Magnification optics that allow for precise readings for general construction applications. The AT-20 has a rugged design providing a great track record of reliability and along with the support of local service and calibration, the AT-20 is excellent value.

IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Concrete
- ✓ Drainage
- ✓ Site set-out

SPECIFICATIONS:

| | |
|------------------------------|----------|
| Length | 215 mm |
| Magnification image erect | 20 x |
| Accuracy for 1 km double run | ± 2.5 mm |
| Objective lens | 30 mm |
| Minimum focus | 0.5 m |

Kit includes:

- Astor AT-20
- Plumb Bob
- Instructions
- Hard Shell Carry Case

* One Year Warranty *





SUPERIORITY THAT'S EASY TO SEE – INDOORS OR OUT



Topcon's SmartScan® lets you draw a line of focussed laser light on any surface, to any length you need. It stays there as long as you need, until you release it using the target plate.

VERTICAL ALIGNMENT

Use the 90 degree plumb beam to easily square walls and align wall track. Simply place the target on your line, place the RL-VH4DR at the other end, and use the manual slope buttons, or included RC-40 Remote Control to centre the beam on the target.

Features:

- 5 Year Topcon Warranty
- Fast, fully automatic self-levelling - under 5 seconds
- SmartScan® Technology
- Horizontal / vertical operation - 90° plumb beam to easily square walls and align wall tracks
- RC-40 remote
- Optional LS-80 laser sensor with rod clamp
- Removable lighthouse cover
- Manual slope option for rake in / cathedral ceilings to 5°
- Made in Japan



Topcon RL-VH4DR - Red Beam

CODE: 313750853



Topcon's RL-VH4 Series lasers provide fast, superior levelling and visibility for interior and general contractors. Value, advanced technology, proven durability, and packaged to fit the way you work. Only Topcon has it!

3) INTERIOR LASERS

● IDEAL FOR:

- ✓ Suspended ceiling
- ✓ Interior fit-out
- ✓ Wall/floor tiling

SPECIFICATIONS:

| | |
|---------------------------|--------------------------------|
| Accuracy | ±20 arc seconds (±2 mm @ 20 m) |
| Detecting range | 300 m with optional LS-Sensor |
| Beam type | RL-VH4DR - 635 nm red |
| Laser class | 3A |
| Rotating speed | 0-300 rpm |
| Water / dust-proof | IP 54 |
| Scanning width | 180 degrees |
| Remote control | within 100 m |
| Operating time | 90 hrs alkaline |



Shown with optional LS-80 Laser Sensor

Kit Includes

- RL-VH4 Series Laser
- RC-40 Remote Control
- Scanning Target
- Wall Mount
- D Cell Battery Kit
- Carry Case



4) GRADE LASERS



Topcon's RL-SV2S multipurpose grade laser sets the new standard for simplicity and accuracy. Rugged and compact, it's twice the laser at an amazingly affordable price.

IDEAL FOR:

- | | | |
|--------------------|--------------------|----------------|
| ✓ Site preparation | ✓ Concrete | ✓ Drainage |
| ✓ Earthworks | ✓ Interior fit-out | ✓ Site set-out |

Features:

- 5 year warranty
- Rugged design with IP66 rating
- Fully automatic self-levelling in horizontal, vertical or grade
- Full function remote control (RC-60)
- Electronic beam shutters (to avoid interference with other lasers on site)
- LS-80L long distance laser sensor with two-way communication
- Automatic height of instrument alert (HI alert)



Topcon RL-SV2S

D Cell Battery

CODE: 313990752



Rechargeable

CODE: 313990702



**SPECIFICATIONS:**

| | |
|-----------------------------|--------------------------------------|
| Horizontal accuracy | ±10 arc seconds (± 1.5 mm at 30 m) |
| Operating range | 400 m radius / 800 diameter |
| Operating time | 100 hrs. (alkaline), 60 hrs. (Ni-MH) |
| Grade | ± 5% |
| Rotation speed | 300, 600 rpm |
| Water resistance | IP66 |
| Weight | 3.0 kg |
| Self-levelling range | ±5 degrees |
| Laser class | 3A |
| Output power | 2.4 mW |
| Laser wave length | 635 nm |

Kit Includes:

- Topcon RL-SV2S
- LS-80L Sensor (dual LCD, 11-channel graduating arrow)
- Sensor Holder 6
- RC-60 (radio remote control)
- D cell dry batteries
- Durable hard shell carry case
- Ni-MH Battery Pack (rechargeable option only)

4) GRADE LASERS

Topcon RL-200 Series

Topcon RL-200 1S

CODE: 314910862



Topcon RL-200 2S

CODE: 314920833



IDEAL FOR:

- ✓ Site preparation
- ✓ Concrete
- ✓ Earthworks
- ✓ Drainage

With exceptional slope range and a large, easy to use screen and user interface, Topcon's RL-200 series combines advanced technology with simple, robust design.

Choose from two models, the RL-200 1S single slope, or RL-200 2S dual slope. The RL-200 1S provides single slopes from -5% up to +25%. The RL-200 2S provides dual slopes up to +/- 10% in the X axis, or up to an industry leading -5% to +25% in the Y axis. The 2S model also comes with a full-function remote, for complete control of the laser from up to 200 m away.

Features:

- Self-levelling
- Rotation speed 300/600/900 rpm
- Long operating range 1,100 m (diameter)
- Wide grade range (-5% to +25%)
- 90 hrs. battery life (Ni-MH)
- Electronic beam masking
- +/- 1 mm at 30 m accuracy
- Control the RL-200 2S remotely with the RC-400

Topcon RL-200 Series



Kit Includes:

- RL-200 Grade Laser
- LS-80L w/ Holder 6
- RC-400 Remote Control (RL-200 2S only)
- Rechargeable Battery Kit
- Carry Case

SPECIFICATIONS:

| | |
|----------------------------------|--|
| Horizontal accuracy | ±7 arc seconds (±1 mm at 30 m accuracy) |
| Operating range | 1,100 m (diameter) |
| Operating time | 90 hrs. (Ni-MH) |
| Grade | ±15% dual |
| Rotation speed | 300/600/900 rpm |
| Dust/water protection | IP66 |
| Grade range (single/dual) | RL-200 1S -5 to +25/ NA RL-200 2S ± 10% / -5 to +25 |



4) GRADE LASERS



FUTURA
TOOLS & TECHNOLOGY

Futura LT-810

CODE: 03-10-LT-810



The Futura LT-810 is an affordable, automatic true self-levelling single grade laser. Easy to use as a horizontal plane laser, it has the added versatility of an LCD display for digital grade control. The LT-810 is rugged, reliable and accurate for applications such as plumbing and drainage, site preparation and earthworks.

IDEAL FOR:

- ✓ Site preparation
- ✓ Concrete
- ✓ Earthworks
- ✓ Drainage

Features:

- Automatic self-levelling in level or grade
- Height of instrument alert (HI Alert) in level or grade
- Machine control compatible

Kit includes:

- Futura LT-810
- CR3 Laser Detector & Clamp
- Alkaline Batteries
- Operator Manual
- Durable Hard Shell Carry Case
- Ni-MH Battery Pack (rechargeable option only)



Two Year Warranty

SPECIFICATIONS:

| | |
|-----------------------------|-------------------------------------|
| Accuracy | ± 10 arc seconds (± 1.5 mm at 30 m) |
| Operating range | 700 m diameter |
| Self-levelling range | Approx ±5 degrees |
| Operating time | 60 hrs. (alkaline) |
| Rotation speed | 60, 300, 600 & 750 rpm |
| Laser class | 3A |

5. PIPE LASERS



TP-L5 Pipe Laser Series

Construction Product Guide

Topcon's TP-L5 Series Pipe Lasers offer a combination of features and technology that are proven to meet the demands of contractors more than any other alignment lasers on the market.

Choose from the economical red beam option or GreenBeam® technology that gives you a four times brighter beam than conventional lasers for long-run pipelines and areas where ambient light is common.

IDEAL FOR:

- ✓ Drainage

Features:

- Made in Japan- 5 year warranty
- Left/Right beam line control
- High contrast, easy-to-read display
- World's best long-range spot quality
- RC-200 infrared remote for complete control
- All-metal, waterproof housing



Topcon TP-L5B Red Beam

CODE: 329560415



Topcon TP-L5BG Green Beam

CODE: 329560435



5) PIPE LASERS

Topcon TP-L5 Pipe Lasers

| SPECIFICATIONS: | | |
|--------------------------|--|--|
| | TP-L5B | TP-L5BG |
| Accuracy | Horizontal ± 10 arc seconds (± 1.5 mm @ 30 m) | Horizontal ± 10 arc seconds (± 1.5 mm @ 30 m) |
| Beam Type | 635 nanometers, red beam diode | 520 nanometers, GreenBeam® diode |
| Operating range | | |
| Laser | 5 m– 150 m | 5 m– 150 m |
| Grade range | -15% to +40% | -15% to +40% |
| Remote control operation | 200 m from front (in pipe), 25 m from above | 200 m from front (in pipe), 25 m from above |
| Line control | | |
| Width | $\pm 15\%$ | $\pm 15\%$ |
| Levelling | | |
| Self levelling range | $\pm 10\%$ | $\pm 10\%$ |
| Power | 55 hrs. Ni-MH (standard), 80 hrs. D-size alkaline (optional) | 40 hrs. Ni-MH (standard), 55 hrs. D-size alkaline (optional) |

Topcon TP-L5 Pipe Lasers

Kit includes:

- ➔ TP-L5B or TP-L5BG laser
- ➔ Leg sets for 15 cm, 20 cm, 25 cm, 30 cm pipes
- ➔ Single pointed foot
- ➔ 15 cm to 45 cm adjustable targets
- ➔ Remote control RC-200
- ➔ Ni-MH battery BT-53Q x 2
- ➔ Battery charger AC/DC + BA-2
- ➔ Carry case





Topcon DT-200 Series

DT-209
CODE: 60214AN



WATERPROOF, DUSTPROOF DIGITAL THEODOLITES

The DT-200 Series integrates the same high-quality advanced absolute circle reading technology found in Topcon's high-performance total station products for more accurate field calculations. Available in 5", 7", or 9" angle accuracy, there is a DT-200 theodolite perfect for any job. Compact and lightweight for easy portability, the DT-200 Series provide precise measurement in a functional, hassle-free package.

IDEAL FOR:

- ✓ Site preparation
- ✓ Concrete
- ✓ Drainage
- ✓ Site set-out

Features:

- ➔ Long battery life, with 140 hrs. of operation from 4 AA batteries
- ➔ Waterproof and dust-proof housing - IP66
- ➔ Gas charged telescope
- ➔ Made in Japan

DT-209 SPECIFICATIONS:

| | |
|----------------------------|-----------|
| Length | 149 mm |
| Objective lens | 40 mm |
| Magnification | 26x power |
| Field of view | 1°30' |
| Resolving power | 3 power |
| Minimum focus | 90 cm |
| Stadia ratio | 100 |
| Stadia constant | 0 |
| Sighting collimator | Double |

Kit includes:

- ➔ DT-209 Theodolite
- ➔ Plumb Bob
- ➔ Tool Kit
- ➔ Waterproof Protective Cover
- ➔ Lint Free Lens Cloth
- ➔ Carry Case

Two Year Warranty

Astor EDT-10 Electronic Theodolite

CODE: 03-10-EDT10



The Astor EDT-10 is ideal for building set out and general construction. With its dual face LCD display, the EDT-10 is supplied with both Alkaline and Rechargeable battery packs. Featuring 30 x Magnification, this has made the EDT-10 a very popular choice for building contractors.

IDEAL FOR:

- ✓ Site preparation
- ✓ Drainage
- ✓ Concrete
- ✓ Site set-out

SPECIFICATIONS:

| | |
|----------------------------------|------------------|
| Accuracy | ± 10 arc seconds |
| Objective lens | 45 mm |
| Magnification image erect | 30x |
| Minimum focus | 1.3 m |



Kit includes:

- Astor EDT-10
- Plumb Bob
- Rain Coat
- Operator Manual
- Durable Hard Shell Carry Case

One Year Warranty

Northwest NSL500B Transit Level

CODE: 03-10-NSL500B



The Northwest NSL500B Transit Level is ideal for building and general construction applications where imprecise angles are required. The Northwest NSL500B Transit Level is easy to use, with motion tangents and clamps to allow alignment tuning adjustments for both Hz (level) and Vz (plumb) tasks.

IDEAL FOR:

- ✓ Site preparation
- ✓ Site set-out
- ✓ Drainage

SPECIFICATIONS:

| | |
|----------------------|------------------|
| Accuracy | ± 6.35 mm @ 30 m |
| Minimum focus | 1.4 m |
| Working range | 60 m |
| Magnification | 20x |

Kit includes:

- Northwest NSL500B Transit Level
- Operator manual
- Durable hard shell carry case

One Year Warranty



BUILT-TO-USE, BUILT-TO-LAST

Topcon's LS-B100 Series comprise advanced technology, value-priced laser receivers for dozers, scrapers, excavators, backhoes, and drag-boxes. All LS-B100 receivers feature simple, secure mechanical mounting, 360° beam detection, adjustable on-grade accuracy, alkaline or rechargeable battery operation, water and dust proof cast construction, and bright multi-color LED displays.

IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Drainage



Machine-Mount Receivers

Topcon LS-B100 Series

LS-B100 CODE: 312670101
Indicate Only



LS-B110 CODE: 312670111
Automatic Hydraulic Compatible, Plumb & Tilt Indication



LS-B110W CODE: 312670121
Automatic Hydraulic Compatible, Plumb & Tilt Indication, Wireless Compatible



Machine-Mount Receivers

Topcon LS-B100 Series

Features:

- Large working range
- 360° detection
- Rugged, waterproof design
- Indicate and automatic solutions
- Wireless & CAN compatible
(* W-models)
- On-grade matching
- Plumb/Tilt Indication (110 models only)
- Universal pole clamp



As shown with optional
Magnetic Pole Mount

CODE: 9090-1601

| Specifications | LS-B100 | LS-B110 | LS-B110W |
|--|---------------|---------------|---------------|
| Detector angle | 360° | 360° | 360° |
| Detector range | 175 mm | 250 mm | 250 mm |
| Detectable laser wave length | 633 to 785 nm | 633 to 785 nm | 633 to 785 nm |
| Detective precision | | | |
| Mode1: | ±3 mm | ±3 mm | ±3 mm |
| Mode2: | ±6 mm | ±6 mm | ±6 mm |
| Mode3: | ±15 mm | ±15 mm | ±15 mm |
| Mode4: | ±30 mm | ±30 mm | ±30 mm |
| Laser detecting range (diameter) using RL-200 1S/2S | 800 m | 800 m | 800 m |
| Machine control hydraulic compatible | No | Yes | Yes |
| Plumb and slope indicator | No | Yes | Yes |
| Optional remote display (RD-100W) via bluetooth | No | No | Yes |
| Wireless communication (RD-100W) | No | No | 20 m |
| Operating time approx - alkaline | 100 hrs. | 80 hrs. | 40 hrs. |
| Operating time approx - rechargeable (BT-68Q kit optional) | 50 hrs. | 40 hrs. | 18 hrs. |
| Power from machine (PC-18 cable optional) | Yes | Yes | Yes* |
| Power save and laser-on power save functions | Yes | Yes | Yes |
| Auto shutoff after 60 minutes | Yes | Yes | Yes |
| Waterproof | IP66 | IP66 | IP66 |

*Not available when connected to RD-100W

Magnetic-Mount Receivers

Topcon LS-B10

CODE: 312660101



The Topcon LS-B10 Series offer a cost effective indicate laser solution, designed with two purposes in mind: to help move dirt efficiently and grow with the evolving needs of your company.

These versatile receivers can be mounted on a range of machines such as mini excavators, and are useful for grade checking applications where they can be mounted to a staff via a Holder 6. The LS-B10W model has a wireless option, enabling it to be connected to a RD-100W (Remote Display Unit) which can be mounted in the cab allowing the operator to view the same information that is displayed out on the excavator stick.

LS-B10 Specifications:

| | |
|-------------------------------|--|
| Detective range | 120 mm |
| Detective angle | 270° |
| Detective precision | Mode1: ± 2 mm Mode2: ± 6 mm Mode3: ± 12 mm Mode4: ± 30 mm |
| Laser: detective range | 700 m diameter |
| Power source | 3 x AA alkaline batteries |
| Operating time | Approx. 100 hrs. |
| Waterproof | IP66 |

IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Drainage

Kit includes:

- ➔ LS-B10
- ➔ 3 x AA Alkaline Batteries
- ➔ Instructions



Indicate Solution

LS-B10W

CODE: 312660111



With wireless BT connections to

RD-100W

CODE: 312671121



| LS-B10W Specifications: | |
|-----------------------------------|--|
| Detective range | 120 mm |
| Detective angle | 270° |
| Detective precision | Mode1: ±2 mm Mode2: ±6 mm Mode3: ±12 mm Mode4: ±30 mm |
| Wireless range | 20 m (may vary depending on conditions) |
| Power source | 3 x AA alkaline batteries |
| Operating time | Approx. 20 hrs. |
| Waterproof | IP66 |
| Laser: detective range | 700 m diameter |

● IDEAL FOR:

- ✓ Site preparation
- ✓ Drainage
- ✓ Earthworks

Kit includes:

- ➔ LS-B10W
- ➔ 3 x AA alkaline batteries
- ➔ Instructions



8. PIPE AND CABLE LOCATORS

C.Scope Cable Avoidance

DXL2 Cable Avoidance Tool

with SGV2 Signal Generator

CODE: 03-10-DXL2/SGV2



DXL2 Cable Avoidance Tool

with Data Logging and SGV2 Signal Generator

CODE: 03-10-DXL2DL/SGV2



New high performance C.Scope Cable Avoidance Tools and Signal Generators have been designed to set a new benchmark in excavating safety as well as still delivering all the advantages and familiar operating practices associated with the original C.Scope range.

Kit includes

- DXL2 Cable Avoidance Tool
- SGV2 Signal Generator
- Coupling Clamp
- Direct Connection Leads
- Earth Stake
- Connection Magnets
- 10 m Auxiliary Earth Lead
- Instruction Manual
- Carry Bag

IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Concrete
- ✓ Drainage
- ✓ Site set-out



Features:

- NEW Multi-frequency 33+131 kHz
- 4 scanning modes (power, radio, generator, all scan)
- Depth measurement up to 3 m
- Local service & support
- NEW Dynamic swing sensor
- Automatic noise rejection
- NEW Optional Data Logging of all Locator activity (DXL2-DL)
- NEW Optional Bluetooth™ for high accuracy GPS (DXL2-DLB)
- NEW Automatic daily self test
- High resolution liquid crystal display
- **No periodic calibration required**

SGV2 Signal Generator

Features

- One watt adjustable power output
 - NEW 33 + 131 kHz simultaneous signal output
 - Pulsed or continuous output signal
 - Three signal application techniques:
 - Direct Connection
 - Coupling
 - Induction
- High resolution liquid crystal display
- No periodic calibration required



| | |
|---|--|
| MXL2 with MXT2 | Multi-frequency-MXL2: 33+131 kHz, 8 kHz, 512/640 Hz |
| MXL2-DL with MXT2 (data logging) | Multi-frequency-MXL2-DL: 33+131 kHz, 8 kHz, 512/640 Hz |
| DXL2 with SGV2 | Multi-frequency-DXL2: 33+131 kHz |
| DXL2-DL with SGV2 (data logging) | Multi-frequency-DXL2-DL: 33+131 kHz |

8. PIPE AND CABLE LOCATORS

C.Scope Cable Avoidance

MXL2 Pipe & Cable Locator with MXT2 Multi-Frequency Transmitter

CODE: 03-10-MXL2/MXT2



MXL2 Pipe & Cable Locator with data-logging and MXT2 Transmitter

CODE: 03-10-MXL2DL/MXT2



New high performance C.Scope Cable Avoidance Tools and Signal Generators have been designed to set a new benchmark in excavating safety as well as still delivering all the advantages and familiar operating practices associated with the original C.Scope range.

Features

- NEW Multi-frequency
 - 33+131 kHz signal detection for utility avoidance
 - 8 kHz signal detection for tracing over longer distances
 - Ultra low 512/640Hz signal detection for specialist training
- 4 detection modes (power, radio, transmitter, all scan)
- Accurate depth indication
- Signal current measurement
- Automatic noise rejection
- NEW Dynamic swing sensor
- NEW Automatic daily self-test
- Local service & support
- NEW Optional data logging of all locator activity (MXL2-DL)
- NEW Optional Bluetooth™ for high accuracy GPS (MXL2-DLB)
- High resolution liquid crystal display

Kit includes

- MXL2 Locator
- MXT2 Transmitter
- Coupling Clamp
- Earth Stake
- Direct Connect Leads
- Connection Magnets
- 10 m Auxiliary Earth Lead
- Instruction Manual

IDEAL FOR:

- ✓ Site preparation
- ✓ Earthworks
- ✓ Concrete
- ✓ Drainage
- ✓ Site set-out

MXT2 Multi-frequency Transmitter

Features

- One Watt 4-level adjustable power output
- Three signal outputs
- NEW simultaneous 33+131 kHz Signal
- 8 kHz signal
- 512/640 Hz signal
- Pulsed or continuous output signal
- Three signal application techniques:
 - Direct Connection
 - Coupling
 - Induction
- High resolution liquid crystal display
- No periodic calibration required





Laser Distance Measurer

Myzox LD-40

CODE: 03-10-LD40



The Myzox LD-40 Laser Distance Measurer has everything you need at an affordable price. Functions include Area, Volume, Continuous or Indirect measurements.

Specifications:

| | |
|------------------------|--------------------------------------|
| Measuring range | 0.05 m– 40 m |
| Accuracy | ± 1.5 mm |
| Resolution | 0.001 m |
| Auto shut-off | Laser 30 seconds Device 3 minutes |
| Dimensions | 110 mm x 45 mm x 30 mm |
| Power source | 2 x AA batteries |
| Laser class | 2 |

IDEAL FOR:

- ✓ Suspended ceiling
- ✓ Electrical layout
- ✓ Interior fit-out



Kit includes:

- Myzox LD-40
- Carry pouch
- Alkaline batteries
- Safety strap
- Operator manual

*** One Year Warranty ***

Laserometer Digital Receiver

Apache Storm

CODE: 03-30-APACHE



The Apache Storm® Laserometer® Receiver features a digital readout of elevation which provides a numeric height display of 102 mm. Accurate measurements can be made without moving the rod clamp, saving time and increasing productivity.

The 127 mm reception height allows quick acquisition of the laser beam. Built-to-last with waterproof IP67 standards, the Apache Storm® Laserometer® eliminates downtime due to moisture, bad weather or dust conditions. Furthermore, the protective over-moulding allows it to withstand a drop of 3 m onto concrete.

Features:

- Numeric height display of 102 mm
- 127 mm reception height
- IP67 waterproof rating
- New strobe light rejection eliminates false readings from job-site strobe lights
- Highly visible, multi-colour LEDs indicating grade level
- Patented universal reversible clamp fits square and oval rods
- 3 year warranty



IDEAL FOR:

- ✓ Site preparation
- ✓ Concrete
- ✓ Earthworks
- ✓ Drainage

| Specifications: | |
|-------------------------------|-----------------------------------|
| Working radius | 1 m – 450 m |
| Laser Detector height | 127 mm |
| Numeric readout height | 102 mm |
| Accuracy | |
| Ultra-fine | 0.5 mm |
| Super-fine | 1.0 mm |
| Fine | 2.0 mm |
| Medium | 5.0 mm |
| Coarse | 10.0 mm |
| Calibration | 0.1 mm |
| Beeper volumes | |
| Loud | 110 dBa |
| Medium | 95 dBa |
| Low | 65 dBa |
| Power supply | 2 x "AA" batteries |
| Battery life | 60+ hrs. |
| Environmental | Waterproof, Dustproof IP67 rating |

Rotosure Measuring Wheels

The Wheel of choice for contractors, Rotosure are tough, accurate and easy to operate



Optional carry bags available.

| SPECIFICATIONS | |
|-------------------------|---------|
| Folds in half | • |
| Push button zero reset | • |
| Kick down stand | • |
| Carry handle | • |
| Wrist strap | • |
| Debris removing scraper | • |
| Sealed roller bearings | • |
| Heavy duty | • |
| Measuring distance | 10000 m |
| Increments | 0.1 m |
| Wheel circumference | 1 m |
| Wheel diameter | 0.32 m |
| Weight | 2.36 kg |

Yamayo Measuring Tapes



Designed to handle all weather conditions and rough handling on a construction site, Yamayo tapes are made to last.

- ➔ Non-conductive fibreglass or Nylon-coated steel
- ➔ Open reel
- ➔ 3:1 ratio (fast retrieve)
- ➔ 30 m, 50 m or 100 m lengths available

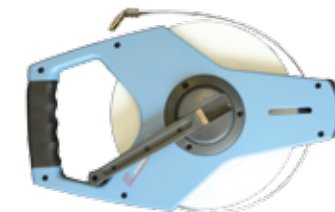
50 m Fibreglass

CODE: 03-10-OTR50X



50 m Nylon-coated Steel

CODE: 03-10-ZNX50M



Rotosure Standard

CODE: 05-10-RSCLA-S



Rotosure Deluxe

w/ Trigger Brake
CODE: 05-10-RSCLA-D



Rotosure Professional

w/ Trigger Brake and
Pistol Grip Zero Reset
CODE: 05-10-RSCLA-P



10. ACCESSORIES



9 345954 000043

Aluminium Dome Tripod

CODE: 07-10-DT



9 345954 000531

Aluminium Flat Tripod

CODE 07-10-FH-TC



9 345954 000111

Elevating Tripod

CODE: 03-10-ETH980



9 345954 001149

Timber Flat Tripod

CODE: 07-10-TWF



Cut / Fill Rod

CODE: 07-10-LP-02



9 345954 001132

Staff 5 m E Face

CODE: 07-10-55ES



9 345954 000036

Staff 5 m - 5 mm Face

CODE: 07-10-55HS



9 345954 000548





Topcon laser tools are designed to provide professional contractors reliable layout reference for increased jobsite productivity and profit. Please read the Topcon operating manual for instructions on how to optimise the use of your instrument and how to verify calibration on a Topcon laser.

Purchasing from an Authorised Australian Reseller

For customers in Australia, Topcon strongly recommends purchase of a Topcon laser from an Authorised Australian Reseller.

Topcon cautions all customers not to expect a laser purchased outside Australia to be covered under warranty by an Australian reseller. No Topcon reseller is obligated to service a Topcon laser under warranty if purchased outside their own country.

Servicing your Topcon laser

Topcon recommends that customers get a six-monthly service and calibration for Topcon lasers to ensure that the instrument is working at optimal accuracy.

To arrange for your instrument to be serviced and calibrated, please contact your nearest Authorised Australian Reseller or call 1300 96 LASER.

Warranty

Topcon offers a five-year limited warranty from the date of purchase for new laser tools and auto levels. For Topcon theodolites, warranty is two years from date of purchase and one year from date of purchase for machine-mount receivers. Warranty is valid from date of sale to the original end user.

Warranty does not cover damage from the tool being dropped or abused. See the operating manual for additional terms & conditions.

Please ensure you keep a copy of your receipt and / or proof of purchase to assist with any warranty claims.

12. PRODUCT MATRIX

| | SITE PREPARATION | EARTHWORKS | CONCRETE |
|--------------------------|------------------|------------|----------|
| TOPCON RL-H4C | ●● | ●● | ●● |
| TOPCON AT-B SERIES | ● | ● | ● |
| ASTOR AT-20 | ● | ● | ● |
| TOPCON RL-VH4DR | | | |
| TOPCON RL-SV2S | ●● | ●● | ● |
| TOPCON RL-200 SERIES | ●● | ●● | ● |
| FUTTURA LT-810 | ●● | ●● | ● |
| TOPCON TP-L5B | | | |
| TOPCON TP-L5BG | | | |
| TOPCON DT-200 | ● | | ● |
| ASTOR EDT-10 | ● | | ● |
| NORTHWEST NSL500B | ● | | |
| TOPCON LS-B100 Series | ● | ●● | |
| TOPCON LS-B10 | ● | ●● | |
| C SCOPE CABLE AVOIDANCE | ● | ●● | ● |
| MYZOX LDM | | | |
| APACHE STORM LASEROMETER | ● | ●● | ●● |

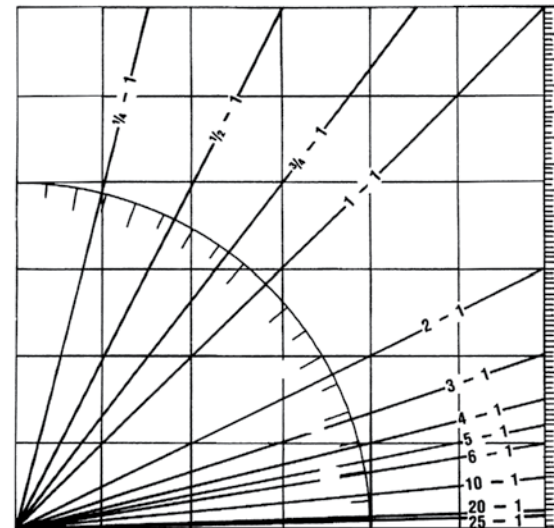
- SUITABLE
- RECOMMENDED

| SUSPENDED CEILING | INTERIOR FITOUT | ELECTRICAL LAYOUT | DRAINAGE | WALL / FLOOR TILING | SITE SET OUT |
|-------------------|-----------------|-------------------|----------|---------------------|--------------|
| | ● | | ● | | ● |
| | | | ● | | ● |
| | | | ● | | ● |
| ●● | ● | | | ● | |
| | ● | | ●● | | ● |
| | | | ●● | | |
| | | | ●● | | |
| | | | ●● | | |
| | | | ● | | ●● |
| | | | ● | | ●● |
| | | | ●● | | ● |
| | | | ● | | |
| | | | ●● | | ● |
| ● | ● | ● | | | |
| | | | ● | | |

Percentage Conversion

| 1:X | % | 1:X | % | 1:X | % | 1:X | % | 1:X | % | 1:X | % | 1:X | % | 1:X | % | 1:X | % |
|-----|---------|-----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|--------|--------|-----|---|
| :1 | 100.000 | :40 | 02.500 | :79 | 01.266 | :118 | 00.847 | :157 | 00.637 | :196 | 00.510 | :375 | 00.267 | :950 | 00.105 | | |
| :2 | 50.000 | :41 | 02.439 | :80 | 01.250 | :119 | 00.840 | :158 | 00.633 | :197 | 00.508 | :380 | 00.263 | :975 | 00.103 | | |
| :3 | 33.333 | :42 | 02.381 | :81 | 01.235 | :120 | 00.833 | :159 | 00.629 | :198 | 00.505 | :385 | 00.260 | :1000 | 00.100 | | |
| :4 | 25.000 | :43 | 02.326 | :82 | 01.220 | :121 | 00.826 | :160 | 00.625 | :199 | 00.503 | :390 | 00.256 | :1050 | 00.095 | | |
| :5 | 20.000 | :44 | 02.273 | :83 | 01.205 | :122 | 00.820 | :161 | 00.621 | :200 | 00.500 | :395 | 00.253 | :1100 | 00.091 | | |
| :6 | 16.667 | :45 | 02.222 | :84 | 01.190 | :123 | 00.813 | :162 | 00.617 | :205 | 00.488 | :400 | 00.250 | :1150 | 00.087 | | |
| :7 | 14.286 | :46 | 02.174 | :85 | 01.176 | :124 | 00.806 | :163 | 00.613 | :210 | 00.476 | :410 | 00.244 | :1200 | 00.083 | | |
| :8 | 12.500 | :47 | 02.128 | :86 | 01.163 | :125 | 00.800 | :164 | 00.610 | :215 | 00.465 | :420 | 00.238 | :1250 | 00.080 | | |
| :9 | 11.111 | :48 | 02.083 | :87 | 01.149 | :126 | 00.794 | :165 | 00.606 | :220 | 00.455 | :430 | 00.233 | :1300 | 00.077 | | |
| :10 | 10.000 | :49 | 02.041 | :88 | 01.136 | :127 | 00.787 | :166 | 00.602 | :225 | 00.444 | :440 | 00.227 | :1350 | 00.074 | | |
| :11 | 09.091 | :50 | 02.000 | :89 | 01.124 | :128 | 00.781 | :167 | 00.599 | :230 | 00.435 | :450 | 00.222 | :1400 | 00.071 | | |
| :12 | 08.333 | :51 | 01.961 | :90 | 01.111 | :129 | 00.775 | :168 | 00.595 | :235 | 00.426 | :460 | 00.217 | :1450 | 00.069 | | |
| :13 | 07.692 | :52 | 01.923 | :91 | 01.099 | :130 | 00.769 | :169 | 00.592 | :240 | 00.417 | :470 | 00.213 | :1500 | 00.067 | | |
| :14 | 07.143 | :53 | 01.887 | :92 | 01.087 | :131 | 00.763 | :170 | 00.588 | :245 | 00.408 | :480 | 00.208 | :1550 | 00.065 | | |
| :15 | 06.667 | :54 | 01.852 | :93 | 01.075 | :132 | 00.758 | :171 | 00.585 | :250 | 00.400 | :490 | 00.204 | :1600 | 00.063 | | |
| :16 | 06.250 | :55 | 01.818 | :94 | 01.064 | :133 | 00.752 | :172 | 00.581 | :255 | 00.392 | :500 | 00.200 | :1650 | 00.061 | | |
| :17 | 05.882 | :56 | 01.786 | :95 | 01.053 | :134 | 00.746 | :173 | 00.578 | :260 | 00.385 | :510 | 00.196 | :1700 | 00.059 | | |
| :18 | 05.556 | :57 | 01.754 | :96 | 01.042 | :135 | 00.741 | :174 | 00.575 | :265 | 00.377 | :520 | 00.192 | :1750 | 00.057 | | |
| :19 | 05.263 | :58 | 01.724 | :97 | 01.031 | :136 | 00.735 | :175 | 00.571 | :270 | 00.370 | :530 | 00.189 | :1800 | 00.056 | | |
| :20 | 05.000 | :59 | 01.695 | :98 | 01.020 | :137 | 00.730 | :176 | 00.568 | :275 | 00.364 | :540 | 00.185 | :1850 | 00.054 | | |
| :21 | 04.762 | :60 | 01.667 | :99 | 01.010 | :138 | 00.725 | :177 | 00.565 | :280 | 00.357 | :550 | 00.182 | :1900 | 00.053 | | |
| :22 | 04.545 | :61 | 01.639 | :100 | 01.000 | :139 | 00.719 | :178 | 00.562 | :285 | 00.351 | :560 | 00.179 | :1950 | 00.051 | | |
| :23 | 04.348 | :62 | 01.613 | :101 | 00.990 | :140 | 00.714 | :179 | 00.559 | :290 | 00.345 | :570 | 00.175 | :2000 | 00.050 | | |
| :24 | 04.167 | :63 | 01.587 | :102 | 00.980 | :141 | 00.709 | :180 | 00.556 | :295 | 00.339 | :580 | 00.172 | :2500 | 00.040 | | |
| :25 | 04.000 | :64 | 01.563 | :103 | 00.971 | :142 | 00.704 | :181 | 00.552 | :300 | 00.333 | :590 | 00.169 | :3000 | 00.033 | | |
| :26 | 03.846 | :65 | 01.538 | :104 | 00.962 | :143 | 00.699 | :182 | 00.549 | :305 | 00.328 | :600 | 00.167 | :3500 | 00.029 | | |
| :27 | 03.704 | :66 | 01.515 | :105 | 00.952 | :144 | 00.694 | :183 | 00.546 | :310 | 00.323 | :625 | 00.160 | :4000 | 00.025 | | |
| :28 | 03.571 | :67 | 01.493 | :106 | 00.943 | :145 | 00.690 | :184 | 00.543 | :315 | 00.317 | :650 | 00.154 | :4500 | 00.022 | | |
| :29 | 03.448 | :68 | 01.471 | :107 | 00.935 | :146 | 00.685 | :185 | 00.541 | :320 | 00.313 | :675 | 00.148 | :5000 | 00.020 | | |
| :30 | 03.333 | :69 | 01.449 | :108 | 00.926 | :147 | 00.680 | :186 | 00.538 | :325 | 00.308 | :700 | 00.143 | :5500 | 00.018 | | |
| :31 | 03.226 | :70 | 01.429 | :109 | 00.917 | :148 | 00.676 | :187 | 00.538 | :330 | 00.303 | :725 | 00.138 | :6000 | 00.017 | | |
| :32 | 03.125 | :71 | 01.408 | :110 | 00.909 | :149 | 00.671 | :188 | 00.532 | :335 | 00.299 | :750 | 00.133 | :6500 | 00.015 | | |
| :33 | 03.030 | :72 | 01.389 | :111 | 00.901 | :150 | 00.667 | :189 | 00.529 | :340 | 00.294 | :775 | 00.129 | :7000 | 00.014 | | |
| :34 | 02.941 | :73 | 01.370 | :112 | 00.893 | :151 | 00.662 | :190 | 00.526 | :345 | 00.290 | :800 | 00.125 | :7500 | 00.013 | | |
| :35 | 02.857 | :74 | 01.351 | :113 | 00.885 | :152 | 00.658 | :191 | 00.524 | :350 | 00.286 | :825 | 00.121 | :8000 | 00.013 | | |
| :36 | 02.778 | :75 | 01.333 | :114 | 00.877 | :153 | 00.654 | :192 | 00.521 | :355 | 00.282 | :850 | 00.118 | :8500 | 00.012 | | |
| :37 | 02.703 | :76 | 01.316 | :115 | 00.870 | :154 | 00.649 | :193 | 00.518 | :360 | 00.278 | :875 | 00.114 | :9000 | 00.011 | | |
| :38 | 02.632 | :77 | 01.299 | :116 | 00.862 | :155 | 00.645 | :194 | 00.515 | :365 | 00.274 | :900 | 00.111 | :9500 | 00.011 | | |
| :39 | 02.564 | :78 | 01.282 | :117 | 00.855 | :156 | 00.641 | :195 | 00.513 | :370 | 00.270 | :925 | 00.108 | :10000 | 00.010 | | |

| DEGREES | % | DEGREES | % | DEGREES | % |
|---------|------|---------|------|---------|-------|
| 1 | 1.8 | 21 | 38.4 | 41 | 86.9 |
| 2 | 3.5 | 22 | 40.4 | 42 | 90.0 |
| 3 | 5.2 | 23 | 42.4 | 43 | 93.3 |
| 4 | 7.0 | 24 | 44.5 | 44 | 96.6 |
| 5 | 8.8 | 25 | 46.6 | 45 | 100.0 |
| 6 | 10.5 | 26 | 48.8 | | |
| 7 | 12.3 | 27 | 51.0 | | |
| 8 | 14.0 | 28 | 53.2 | | |
| 9 | 15.8 | 29 | 55.4 | | |
| 10 | 17.6 | 30 | 57.7 | | |
| 11 | 19.4 | 31 | 60.0 | | |
| 12 | 21.3 | 32 | 62.5 | | |
| 13 | 23.1 | 33 | 64.9 | | |
| 14 | 24.9 | 34 | 67.4 | | |
| 15 | 26.8 | 35 | 70.0 | | |
| 16 | 28.7 | 36 | 72.7 | | |
| 17 | 30.6 | 37 | 75.4 | | |
| 18 | 32.5 | 38 | 78.1 | | |
| 19 | 34.4 | 39 | 81.0 | | |
| 20 | 36.4 | 40 | 83.9 | | |



8. PIPE AND CABLE LOCATORS

9. MEASURING INSTRUMENTS

10. ACCESSORIES

11. SERVICE & WARRANTY

12. PRODUCT MATRIX

13. GRADE CHART



Contact Us