Product Catalogue

Precision surveying and measurement equipment for engineers, surveyors, contractors, and technical buyers.

2026 CORPORATE EDITION







MEDIR INSTRUMENTS LIMITED

Sales, Service Solutions & Rental of Surveying, Construction, Mining, Water, Weather and Engineering Equipment.

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Surveying instruments | GNSS systems | optical tools | field accessories

Contents

An A4 portrait overview of Medir's core precision surveying, measurement, testing, and support equipment categories.

Format

Two products per page with preserved key-feature detail, tighter specs, and official Medir branding.

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SECTION 01

Total Stations & Theodolites

Total Stations & Theodolites

RUIDE
BRAND / COMPATIBILITY

Ruide R2 Series Total Station

A reflectorless total station built for precise surveying, construction layout, and day-to-day control work where reliable distance and angle performance are critical.

2 in	600m	10 hrs
ANGLE ACCURACY	NON-PRISM	BATTERY

Key Features & Benefits

- 600m reflectorless range supports direct measurement without a prism in fast-moving field conditions.
- 5,000m prism distance provides dependable reach for longer control and layout tasks.
- Dual-axis compensation improves accuracy when setup conditions are less than ideal.
- 3.5 inch colour TFT display keeps observations and menus clear during field operation.
- 10,000-point internal memory supports efficient collection before download or transfer.



Technical Snapshot

Angle accuracy	2 in
Non-prism range	600m
Prism range	5,000m
Display	3.5 in colour TFT
Battery	Li-ion, 10 hrs
Weight	4.8kg

Supplied, supported, and serviced by Medir Instruments.

SECTION 01

Total Stations & Theodolites

Total Stations & Theodolites

RUIDE
BRAND / COMPATIBILITY

Ruide Theodolite (Disteo 23)

An electronic theodolite with integrated EDM for crews that need straightforward angular control and practical distance capability in a compact field instrument.

2 in	300m	26.5x
ACCURACY	PRISM RANGE	MAGNIFICATION

Key Features & Benefits

- 2 inch angle accuracy supports accurate horizontal and vertical angle measurement.
- Integrated 300m EDM adds useful distance measurement capability for site tasks.
- 26.5x telescope magnification helps operators view targets clearly across the job site.
- Single-axis compensator supports stable readings during standard field setup.
- Laser plummet speeds up centring while the 8-hour battery supports full-day work.



Technical Snapshot

Angle accuracy	2 in
Prism range	300m
Magnification	26.5x
Compensator	Single-axis
Battery life	8 hrs
Plummet	Laser

Supplied, supported, and serviced by Medir Instruments.

SECTION 01

Total Stations & Theodolites

Total Stations & Theodolites

ASSORTED BRANDS
BRAND / COMPATIBILITY

Aluminium Tripod for Total Station

A lightweight but robust tripod designed for rapid deployment of total stations on active surveying and construction sites.



1.05–1.70m	4.1kg	5/8 x 11
HEIGHT	WEIGHT	THREAD

Key Features & Benefits

- Quick-clamp leg locks reduce setup time and keep deployment simple for field crews.
- Lightweight aluminium construction balances portability with dependable support.
- 5/8 x 11 thread matches standard total station mounting requirements.
- Adjustable height range suits varied setup positions and operator preferences.
- Corrosion-resistant finish and included shoulder strap improve long-term field practicality.

Technical Snapshot

Height	1.05-1.70m
Weight	4.1kg
Thread	5/8 x 11
Leg locks	Quick clamp
Carry	Shoulder strap
Finish	Corrosion resistant

Supplied, supported, and serviced by Medir Instruments.

SECTION 01

Total Stations & Theodolites

Total Stations & Theodolites

ASSORTED BRANDS
BRAND / COMPATIBILITY

Wooden Tripod for Total Station

A traditional hardwood tripod that offers excellent vibration dampening for higher precision measurement work.



Hardwood	1.05–1.70m	ISO 12858
BUILD	HEIGHT	COMPLIANT

Key Features & Benefits

- European hardwood legs help reduce vibration in precision total station applications.
- Plastic-coated surfaces improve durability in outdoor surveying environments.
- Standard 5/8 x 11 thread supports common instrument mounting systems.
- Wide adjustable height range provides flexibility across different terrain conditions.
- ISO 12858-2-H compliance reinforces suitability for demanding surveying use.

Technical Snapshot

Material	European hardwood
Thread	5/8 x 11
Height	1.05-1.70m
Weight	7.1-7.7kg
Finish	Plastic coated
Standard	ISO 12858-2-H

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SECTION 02

GPS & GNSS Systems

GPS & GNSS Systems

EMLID
BRAND / COMPATIBILITY

RTK GPS Set (Emlid Reach RS2)

A multi-band RTK GNSS receiver delivering centimetre-level positioning for control surveys, mapping, stakeout, and high-accuracy field capture.



7mm + 1ppm	22 hrs	IP67
RTK ACCURACY	BATTERY	PROTECTION

Key Features & Benefits

- Tracks GPS, GLONASS, BeiDou, and Galileo for strong multi-constellation performance.
- RTK accuracy of 7mm + 1ppm supports precise surveying and mapping workflows.
- LoRa radio and LTE connectivity improve flexibility for base-rover communication.
- 22-hour battery life supports long field sessions with fewer charging interruptions.
- IP67 protection and 16GB internal storage make it practical for demanding site work.

Technical Snapshot

GNSS bands	GPS, GLO, BDS, GAL
RTK accuracy	H: 7mm + 1ppm
Baseline	Up to 60km
Update rate	Up to 10Hz
Battery	LiFePO4, 22 hrs
Protection	IP67

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SECTION 02

GPS & GNSS Systems

GPS & GNSS Systems

ASSORTED BRANDS
BRAND / COMPATIBILITY

RTK Base Extension Mini Pole

A compact pole extension designed to elevate GNSS receivers and prisms above tripods with a fast, practical setup workflow.



15–30cm	5/8 x 11	Alloy
LENGTHS	THREAD	CONSTRUCTION

Key Features & Benefits

- Available in 15cm, 25cm, and 30cm lengths for flexible instrument height adjustment.
- Standard 5/8 x 11 thread supports compatibility with major RTK and prism systems.
- Aluminium alloy construction keeps the extension pole light yet field ready.
- Quick-attach design makes setup efficient during frequent tripod changes.
- Compatible with all major brands, making it easy to integrate into mixed fleets.

Technical Snapshot

Lengths	15 / 25 / 30cm
Thread	5/8 x 11
Material	Aluminium alloy
Design	Quick attach
Compatibility	Major brands
Use	Tripod elevation

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SECTION 02

GPS & GNSS Systems

GPS & GNSS Systems

ASSORTED BRANDS
BRAND / COMPATIBILITY

Bipod

A stabilising bipod for prism poles and GPS antennas that helps maintain position control and reduces operator fatigue in the field.



1.8m	1.09m	1.93kg
MAX HEIGHT	COLLAPSED	WEIGHT

Key Features & Benefits

- Lightweight frame supports stable pole setup without adding unnecessary bulk.
- No-crush bipod head protects pole tubes during repeated field use.
- Thumb-release legs allow quick deployment and adjustment on active sites.
- 1.5 inch clamp capacity supports common survey pole diameters.
- Compact collapsed length helps transport and store the unit efficiently.

Technical Snapshot

Max height	1.8m
Collapsed	1.09m
Head	No-crush
Clamp capacity	1.5 in
Weight	1.93kg
Leg release	Thumb release

Supplied, supported, and serviced by Medir Instruments.

SECTION 02

GPS & GNSS Systems

GPS & GNSS Systems

ASSORTED BRANDS
BRAND / COMPATIBILITY

Data Collector Cradle GPS

A universal cradle for mounting tablets and data collectors securely to survey poles during GNSS and layout operations.



25-40mm	3	0.3kg
CLAMP RANGE	TILT POSITIONS	WEIGHT

Key Features & Benefits

- Pole clamp supports a 25-40mm range for broad device and pole compatibility.
- Three tilt positions improve operator viewing comfort in varied field conditions.
- Aluminium alloy construction keeps the cradle strong while remaining lightweight.
- Quick-release mechanism supports fast mounting and removal during setup changes.
- Integrated compass adds extra orientation convenience for field users.

Technical Snapshot

Clamp range	25-40mm
Tilt	+10 / +30 / +50 deg
Material	Aluminium alloy
Mount	Pole clamp
Weight	0.3kg
Release	Quick release

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SECTION 03

Tripods, Staffs & Poles

Tripods, Staffs & Poles

ASSORTED BRANDS
BRAND / COMPATIBILITY

Prism Pole / Holder (5M / 2.5M)

A telescopic prism pole with clear graduations and fast locking for dependable height control in routine surveying work.

5m / 2.5m	30mm	5/8
LENGTHS	TUBE DIAMETER	THREAD

Key Features & Benefits

- Available in 5m and 2.5m formats to suit different field requirements.
- Quick-twist locks help crews set and secure height rapidly.
- High-visibility markings improve readability in bright outdoor conditions.
- Metric and foot graduations support varied client and project needs.
- 30mm tube diameter provides a stable balance between rigidity and portability.



Technical Snapshot

Extended	5.0m / 2.5m
Collapsed	1.5m
Tube diameter	30mm
Wall thickness	1.5mm
Thread	5/8
Graduation	cm and ft

Supplied, supported, and serviced by Medir Instruments.

SECTION 03

Tripods, Staffs & Poles

Tripods, Staffs & Poles

ASSORTED BRANDS
BRAND / COMPATIBILITY

Aluminium Tripod for Dumpy Level

A medium-duty aluminium tripod designed specifically for dumpy levels and rotating lasers used on building and civil sites.

1.04–1.65m	3.6–4.5kg	5/8 x 11
HEIGHT	WEIGHT	THREAD

Key Features & Benefits

- Domed head suits auto levels and similar optical instruments.
- Quick-clamp leg locks support efficient daily setup and relocation.
- Standard 5/8 x 11 thread supports common instrument mounting.
- Adjustable working height helps adapt to site and operator conditions.
- Aluminium construction provides practical portability with reliable support.



Technical Snapshot

Head	Domed
Leg locks	Quick clamp
Thread	5/8 x 11
Height	1.04-1.65m
Weight	3.6-4.5kg
Use	Dumpy level / laser

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SECTION 03

Tripods, Staffs & Poles

Tripods, Staffs & Poles

ASSORTED BRANDS
BRAND / COMPATIBILITY

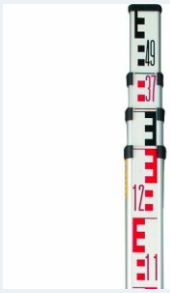
Levelling Staff (5m)

A professional telescopic levelling staff with dual-sided graduations for fast elevation readings on construction and survey sites.

5.0m	5	1.8kg
EXTENDED	SECTIONS	WEIGHT

Key Features & Benefits

- Five-section telescopic build supports compact transport and full-height field use.
- Dual-sided E-scale and metric graduations improve readability for varied workflows.
- Bubble level assists alignment during reading and positioning.
- Anodized aluminium construction improves durability and weather resistance.
- Low 1.8kg weight helps reduce fatigue during repeated setup and movement.



Technical Snapshot

Extended height	5.0m
Closed height	1.2m
Sections	5
Graduation	E-scale / metric
Material	Anodized aluminium
Weight	1.8kg

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SECTION 03

Tripods, Staffs & Poles

Tripods, Staffs & Poles

ASSORTED BRANDS
BRAND / COMPATIBILITY

Ranging Rods (3m)

High-visibility ranging rods used to mark survey stations and maintain clear line alignment across open ground.

3m	30mm	200mm
LENGTH	DIAMETER	BANDING

Key Features & Benefits

- Bright red and white 200mm bands improve visibility from a distance.
- 3m length supports clear field marking and alignment tasks.
- Pointed steel shoe helps position the rod securely in soil.
- Available in aluminium or fibreglass to match field preferences.
- Simple durable design makes the rods suitable for repeated everyday use.

Technical Snapshot

Length	3m
Diameter	30mm
Banding	Red/white 200mm
Base	Pointed steel shoe
Options	Aluminium / fibreglass
Use	Station marking

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SECTION 03

Tripods, Staffs & Poles

Tripods, Staffs & Poles

ASSORTED BRANDS
BRAND / COMPATIBILITY

Survey Umbrella

A heavy-duty umbrella for protecting total stations and theodolites from sun, glare, and rain during active field use.



180 / 240cm	210cm	UV + Water
DIAMETER	POLE HEIGHT	PROTECTION

Key Features & Benefits

- Large canopy options provide broad coverage for instruments and operators.
- Water-resistant construction helps protect equipment during wet conditions.
- UV-resistant materials reduce glare and heat exposure on sunny sites.
- Metal spike base supports quick positioning in outdoor ground surfaces.
- Blue and white finish gives clear field visibility and a professional appearance.

Technical Snapshot

Diameter	180cm / 240cm
Pole height	210cm
Base	Metal spike
Resistance	Water and UV
Colour	Blue / white
Use	Instrument shading

Supplied, supported, and serviced by Medir Instruments.

SECTION 04

Prisms, Targets & Reflectors

Prisms, Targets & Reflectors

AKZ18
BRAND / COMPATIBILITY

Single Prism + Soft Bag (AKZ18)

A standard single prism assembly supplied with a protective soft bag for dependable total station measurement and transport.



62mm	3,500m	0 / -30mm
PRISM DIAMETER	RANGE	OFFSET

Key Features & Benefits

- Selectable 0mm or -30mm offset supports varied measurement setups.
- 62mm prism diameter provides reliable optical return for standard survey work.
- Range up to 3,500m supports general total station applications.
- Nylon padded soft bag protects the prism during storage and transport.
- Universal 5/8 mount improves compatibility across major instrument brands.

Technical Snapshot

Offset	0mm / -30mm
Prism diameter	62mm
Beam deviation	<=5 arcseconds
Range	Up to 3,500m
Bag	Nylon padded
Mount	Universal 5/8

Supplied, supported, and serviced by Medir Instruments.

SECTION 04

Prisms, Targets & Reflectors

Prisms, Targets & Reflectors

ASSORTED BRANDS
BRAND / COMPATIBILITY

Prism Target (0-30mm Offset)

A tilting prism target designed for versatile total station work where quick visibility and selectable offset matter.

0 / -30mm	62mm	+/-90
OFFSET	PRISM DIAMETER	TILT

Key Features & Benefits

- Selectable 0mm or -30mm offset adds flexibility for varied measurement setups.
- Tilting target supports positioning adjustment in the field.
- High-visibility yellow target improves sighting and alignment.
- 62mm prism diameter supports reliable return in standard total station workflows.
- Universal mount makes integration easy across common survey systems.



Technical Snapshot

Offset	0mm / -30mm
Target	High-visibility yellow
Tilt	+/-90 degrees
Prism diameter	62mm
Mount	Universal
Use	Total station targeting

Supplied, supported, and serviced by Medir Instruments.

SECTION 04

Prisms, Targets & Reflectors

Prisms, Targets & Reflectors

AL13 / AJ13
BRAND / COMPATIBILITY

Tribrachs (AL13, FG-01T, AJ13)

Precision tribrachs with built-in optical plummet for accurate instrument centring over survey marks and control points.

3.5x	0.5mm	0.8kg
OPTICAL PLUMMET	CENTRING ACCURACY	WEIGHT

Key Features & Benefits

- Built-in optical plummet supports accurate instrument centring over marks.
- 3.5x plummet magnification helps operators position the instrument precisely.
- 0.5mm centring accuracy at 1.5m supports reliable control work.
- 8 min / 2mm vial helps with stable setup and levelling.
- Robust construction and standard thread improve everyday site usability.



Technical Snapshot

Optical plummet	3.5x
Focusing range	0.5m - 15m
Centring accuracy	0.5mm at 1.5m
Base thread	5/8 x 11
Level vial	8 min / 2mm
Weight	0.8kg

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SECTION 05

Levels & Optical Instruments

Levels & Optical Instruments

WISEMAN
BRAND / COMPATIBILITY

Dumpy Level Full Set (Wiseman AL12-32)

A full automatic level set designed for stable, accurate readings across construction, engineering, and general site survey tasks.

32x	+/-1.5mm	1.4kg
MAGNIFICATION	1KM DOUBLE RUN	WEIGHT

Key Features & Benefits

- 32x magnification supports clear staff readings over practical site distances.
- Air-damping compensator helps maintain stable line-of-sight performance.
- 36mm objective aperture supports a bright, usable image in the field.
- 1km double-run accuracy of +/-1.5mm suits construction and engineering work.
- Complete set with tripod and staff provides a ready-to-use field package.



Technical Snapshot

Magnification	32x
Objective	36mm
Field of view	1 deg 20 min
Shortest focus	1.0m
1km double run	+/-1.5mm
Weight	1.4kg

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SECTION 05

Levels & Optical Instruments

Levels & Optical Instruments

ASSORTED BRANDS
BRAND / COMPATIBILITY

Laser Level (5 Lines, Automatic)

A self-levelling 5-line laser designed for interior construction layout, alignment, and finishing workflows.

4V + 1H	20-50m	8 hrs
LASER LINES	WORKING DISTANCE	RUNTIME

Key Features & Benefits

- Projects four vertical lines, one horizontal line, and six reference points.
- Green 532nm laser improves line visibility during interior layout work.
- Self-levelling within +/-3 degrees helps speed setup and reduce manual adjustment.
- Working distance of 20-50m supports common building and fit-out tasks.
- Rechargeable battery supports up to 8 hours of field operation.



Technical Snapshot

Laser lines	4V + 1H + 6 points
Laser colour	Green 532nm
Accuracy	+/-1mm at 5m
Self-levelling	+/-3 degrees
Working distance	20-50m
Runtime	8 hrs

Supplied, supported, and serviced by Medir Instruments.

SECTION 05

Levels & Optical Instruments

Levels & Optical Instruments

ASSORTED BRANDS
BRAND / COMPATIBILITY

Optical Square

A compact double-prism optical square for setting out accurate right angles in the field without the need for power.



90 deg	+/-1cm	No battery
LEFT / RIGHT	ACCURACY AT 30M	OPERATION

Key Features & Benefits

- Double pentaprism design supports precise 90 degree setting-out work.
- Left and right 90 degree capability improves flexibility in field use.
- No batteries are required, which keeps operation simple and dependable.
- Compact build supports easy carry in traditional field kits.
- Useful for quick orthogonal layout where electronic instruments are unnecessary.

Technical Snapshot

Design	Double pentaprism
Accuracy	+/-1cm at 30m
Capability	Left / right 90 deg
Power	Not required
Format	Compact
Use	Angle setting out

Supplied, supported, and serviced by Medir Instruments.

SECTION 05

Levels & Optical Instruments

Levels & Optical Instruments

ASSORTED BRANDS
BRAND / COMPATIBILITY

Geological Compass

A field-ready geological compass for measuring strike, dip, and structural orientation in mining, geology, and site investigation work.



0–360	0–90	0.35kg
AZIMUTH RANGE	DIP RANGE	WEIGHT

Key Features & Benefits

- 0-360 degree azimuth range supports full directional observation.
- 0-90 degree dip range supports structural and geological measurements.
- Magnetic induction damping helps stabilise the needle during use.
- Integrated clinometer offers +/-90 degree measurement in 1 degree increments.
- Die-cast aluminium body supports durability in rugged environments.

Technical Snapshot

Azimuth range	0-360 degrees
Dip range	0-90 degrees
Needle damping	Magnetic induction
Body	Die-cast aluminium
Clinometer	+/-90, 1 deg inc
Weight	0.35kg

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SECTION 06

Measuring Tools & Tapes

Measuring Tools & Tapes

ASSORTED BRANDS
BRAND / COMPATIBILITY

Steel Tapes (50m, 100m)

Heavy-duty steel measuring tapes for straightforward long-distance measurement on survey, construction, and utility sites.

50m / 100m	13mm	ABS
LENGTHS	BLADE WIDTH	CASE

Key Features & Benefits

- Available in 50m and 100m lengths for different site measurement needs.
- Nylon-coated steel blade improves durability during frequent field use.
- Metric and foot graduations support mixed specification environments.
- ABS plastic case protects the tape during transport and storage.
- Zero-point correction hook improves repeatability at the tape end.



Technical Snapshot

Lengths	50m / 100m
Blade width	13mm
Material	Nylon-coated steel
Graduation	mm / ft
Case	ABS plastic
Hook	Zero correction

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SECTION 06

Measuring Tools & Tapes

Measuring Tools & Tapes

ASSORTED BRANDS
BRAND / COMPATIBILITY

Distance Measuring Wheel (Digital)

A digital measuring wheel for rapid distance checks on roads, construction sites, boundaries, and terrain surveys.

318mm	99,999.9m	+/-0.5%
WHEEL DIAMETER	RANGE	ACCURACY

Key Features & Benefits

- Large 318mm wheel supports smooth operation over varied site surfaces.
- Digital LCD display keeps measurement totals clear and easy to read.
- Range up to 99,999.9m supports long-run field measurement tasks.
- Telescopic folding handle improves portability between site locations.
- Useful for fast take-offs where tape measurement is inefficient.



Technical Snapshot

Wheel diameter	318mm
Measuring range	99,999.9m
Accuracy	+/-0.5%
Display	LCD digital
Weight	1.2kg
Handle	Telescopic folding

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SECTION 06

Measuring Tools & Tapes

Measuring Tools & Tapes

ASSORTED BRANDS
BRAND / COMPATIBILITY

Depth Gauge Rope (30m / 50m / 100m)

A fibreglass depth gauge tape for measuring wells, tanks, shafts, and other vertical depth applications.

30 / 50 / 100m	6.35mm	100kg
LENGTHS	WIDTH	TENSILE STRENGTH

Key Features & Benefits

- Offered in three length options to suit different depth measurement tasks.
- Fibreglass tape construction supports flexibility and resistance in field use.
- Clear graduations every 5cm improve reading consistency.
- 100kg tensile strength supports dependable use in vertical applications.
- Snap hook end fitting helps secure the tape during measurement.



Technical Snapshot

Lengths	30m / 50m / 100m
Material	Fibreglass
Width	6.35mm
Graduation	Every 5cm
Tensile strength	100kg
End fitting	Snap hook

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SECTION 07

Field Testing Equipment

Field Testing Equipment

ASSORTED BRANDS
BRAND / COMPATIBILITY

Concrete Elasticity Tester (Rebound Hammer)

A portable rebound hammer for non-destructive evaluation of concrete compressive strength during inspection and quality control.

10–60 MPa	2.207J	1.0kg
RANGE	IMPACT ENERGY	WEIGHT

Key Features & Benefits

- Designed for non-destructive testing of concrete surface hardness and strength.
- 10-60 MPa measuring range supports common construction QA workflows.
- Direct scale reading makes the instrument practical and easy to interpret.
- Anvil calibration value of 80 +/-2 supports quality checking of the instrument.
- Supplied with carrying case for transport and site protection.



Technical Snapshot

Impact energy	2.207J
Spring stiffness	785 +/- 40 N/m
Measuring range	10-60 MPa
Reading	Direct scale
Calibration	80 +/- 2
Weight	1.0kg

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SECTION 07

Field Testing Equipment

Field Testing Equipment

ASSORTED BRANDS
BRAND / COMPATIBILITY

Asphalt Laser Thermometer

A non-contact infrared thermometer for checking asphalt and concrete surface temperatures during paving, compaction, and inspection work.

-50 to +550C	12:1	<500ms
TEMPERATURE RANGE	D:S RATIO	RESPONSE

Key Features & Benefits

- Non-contact design improves safety and speed during hot surface measurement.
- Wide temperature range supports asphalt, concrete, and general site testing.
- Adjustable emissivity improves adaptability across different material surfaces.
- Fast response time keeps checks efficient during active paving workflows.
- Backlit LCD display improves usability in variable lighting conditions.



Technical Snapshot

Temperature range	-50C to +550C
Accuracy	+/-1.5C
Emissivity	0.10-1.00 adjustable
D:S ratio	12:1
Response time	<500ms
Weight	0.18kg

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SECTION 07

Field Testing Equipment

Field Testing Equipment

ASSORTED BRANDS
BRAND / COMPATIBILITY

Professional Raingauge

A precision rainfall measurement instrument suited to meteorological, environmental, and hydrological monitoring programs.

100mm	0.2mm	WMO
CAPACITY	RESOLUTION	COMPLIANT

Key Features & Benefits

- Clear acrylic construction keeps the measurement scale visible and practical.
- 0.2mm resolution supports detailed rainfall observation.
- 100mm collection capacity suits routine monitoring requirements.
- Wall or post bracket mounting makes installation flexible.
- WMO compliant design supports dependable observation standards.



Technical Snapshot

Capacity	100mm
Resolution	0.2mm
Material	Clear acrylic
Mounting	Wall or post
Standard	WMO compliant
Use	Rainfall monitoring

Supplied, supported, and serviced by Medir Instruments.

SECTION 08

Accessories & Supplies

Accessories & Supplies

NIKON

BRAND / COMPATIBILITY

Nikon Total Station Accessories

Genuine Nikon power accessories designed to support DTM and NPL total station systems with dependable replacement charging solutions.

7.4V	5,000mAh	15+ hrs
VOLTAGE	CAPACITY	RUNTIME

Key Features & Benefits

- Genuine replacement accessories help protect performance across Nikon total stations.
- BC-65 Li-ion battery supports dependable runtime in the field.
- Q-75E charger accepts 100-240V input for broad charging flexibility.
- 15+ hour operating time supports full-day survey workflows.
- Overcharge protection improves charging safety and long-term battery care.



Technical Snapshot

Battery	BC-65 Li-ion
Voltage	7.4V
Capacity	5,000mAh
Charger	Q-75E, 100-240V
Runtime	15+ hrs
Protection	Overcharge

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SECTION 08

Accessories & Supplies

Accessories & Supplies

RUIDE

BRAND / COMPATIBILITY

Ruide Replacement Battery & Charger

Replacement power accessories for Ruide total stations and theodolites, designed to help maintain uptime across regular field operations.

Ni-MH / Li-ion	12V / 850mA	100–240V
CHEMISTRY	OUTPUT	CHARGER

Key Features & Benefits

- Available in multiple battery models to support different Ruide instruments.
- Ni-MH and Li-ion options provide flexibility across legacy and newer setups.
- NC-V charger accepts 100-240V input for practical charging in different environments.
- LED charge indicator improves visibility of charging status.
- Compact charger format makes the kit easier to carry between sites.



Technical Snapshot

Models	NB-28 / RB-30 / KB-30
Chemistry	Ni-MH / Li-ion
Charger	NC-V, 100-240V
Output	12V / 850mA
Indicator	LED
Use	Ruide instruments

Supplied, supported, and serviced by Medir Instruments.

SECTION 08

Accessories & Supplies

Accessories & Supplies

ASSORTED BRANDS
BRAND / COMPATIBILITY

Tribrach Adapters & Optical Plummets

Adapter assemblies with optical plummets for precise instrument centring across commonly used tribrach systems.

AL13 / FG-01T / AJ13	5/8 x 11	Die-cast
MODELS	THREAD	BODY

Key Features & Benefits

- Supports popular AL13, FG-01T, and AJ13 configurations.
- Optical plummet helps position equipment accurately over survey marks.
- Forced-centering lock improves repeatability in control workflows.
- 60 second level vial supports accurate setup and levelling.
- Die-cast aluminium build improves durability in daily use.



Technical Snapshot

Models	AL13 / FG-01T / AJ13
Level vial	60 sec
Lock	Forced centering
Thread	5/8 x 11
Body	Die-cast aluminium
Use	Instrument centring

Supplied, supported, and serviced by Medir Instruments.

SECTION 08

Accessories & Supplies

Accessories & Supplies

ASSORTED BRANDS
BRAND / COMPATIBILITY

Levelling Staff Accessories

Replacement bubble levels and locking buttons that help keep telescopic levelling staffs ready for reliable field use.

8 min / 2mm	Pack of 5	5m
BUBBLE	BUTTONS	STAFF FIT

Key Features & Benefits

- Designed to fit common 5m E-staff systems used on site.
- Replacement circular bubble levels help restore readable alignment checks.
- Section-locking buttons keep telescopic staff operation practical and secure.
- Quick-fit design reduces maintenance time in the field or workshop.
- Ideal as spare parts for crews that rely on levelling staffs every day.



Technical Snapshot

Fits	5m E-staffs
Bubble vial	8 min / 2mm
Buttons	Pack of 5
Design	Quick fit
Category	Replacement parts
Use	Staff maintenance

Supplied, supported, and serviced by Medir Instruments.

Consolidated Catalogue Range

Explore Medir's core range of surveying, measurement, testing, and field support equipment, organized to help you quickly find the right tools for your project.

32+
PRODUCT FAMILIES

	**Core Instruments**	Ruide R2 Total Station; Ruide Theodolite / Disteo 23; Wiseman AL12-32 Dumpy Level	RUIDE / WISEMAN
	**GNSS & Data Capture**	Emlid Reach RS2; Hi Target V300 RTK; PMD552 / PAD52 rugged tablet; GPS cradles	EMLID / HI-TARGET
	**Tripods & Supports**	Aluminium, wooden, and dumpy-level tripods; bipods; RTK mini poles; survey umbrella	ASSORTED BRANDS
	**Staffs, Poles & Rods**	Prism poles from 2.15m to 5m; levelling staff; ranging rods; staff accessories	ASSORTED BRANDS
	**Prisms & Targets**	AKZ18 prism; prism target; mini, triple, 360 degree, and 90 degree prism systems	AKZ / ADS
	**Tribrachs & Adapters**	AL13, FG-01T, AJ13 series, GDF321, brackets, optical plummets, and adapters	AL13 / AJ13
	**Measuring Tools**	Steel, fibre, and linen tapes; TM-6 and EMW12MA measuring wheels; depth gauge ropes	TM-6 / ASSORTED
	**Testing & Environmental**	Concrete rebound hammer, asphalt laser thermometer, professional raingauge, geological compass	JZC-H / ASSORTED
	**Power Accessories**	Nikon, Ruide, Leica, Sokkia, Topcon, South, Trimble, Pentax, Gowin, and CHC batteries/chargers	MULTI-BRAND
	**Utility Accessories**	Data cables, view sheets, right angle bubble, illumination lamps, cases, and field spare parts	ASSORTED BRANDS

Precision in Every Measurement

For product enquiries, pricing, technical advice, and rental support, contact Medir Instruments Limited.

MEDIR INSTRUMENTS LIMITED

Sales, Service Solutions & Rental of Surveying, Construction, Mining, Water, Weather and Engineering Equipment.

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