



01

TRIPOD



INTRODUCTION

Why do we need quality tripod?

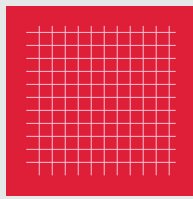
You're not thinking tripods are all the same, are you?

Even if you have high quality instrument, high quality tripod might keep it from reaching its potential. Please let us introduce our quality control.

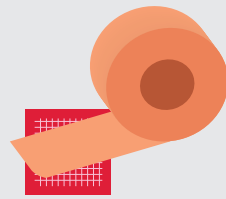
1 CROSS-CUT ADHESION TEST

This is the way to check if the paint adheres properly to the products. In case the paint is not adhered properly, it will be a major cause of the rust.

PROCEDURE

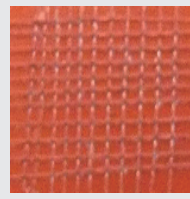


Scratch the paint by cutter in a reticular pattern

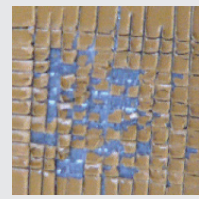


Tape the paint and remove it

RESULT



Myzox

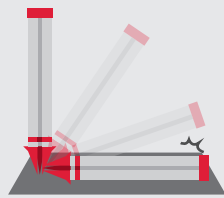


Other manufacturers

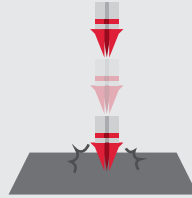
2 UPSET / DROP TEST

This is the way to check how much tripod has the durability against shock. In case the durability is low, life cycle of a product will be quite short.

PROCEDURE



Upset tripod in 10 times



Drop the shoe against ground

RESULT



Myzox

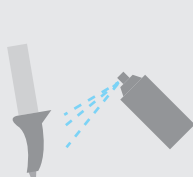


Other manufacturers

3 SALT SPRAY TEST

This is the way to check how much tripod has the durability against rust. In case the durability is low, life cycle of a product will be quite short.

PROCEDURE



Put salt spray on tripod

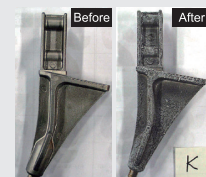


Leaving a product under the sun

RESULT



Myzox



Other manufacturers



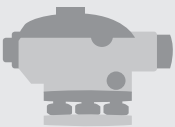




■ Torsional Rigidity

The torsional rigidity is a characteristic of the tripod to absorb this horizontal rotation by returning to its original position when the instrument is stationary.

Our torsional rigidity conforms ISO standard. In accordance with ISO standard, if the tripod plate is rotated by 200 cc (ca. 70°), the maximum allowable hysteresis for heavy tripods is 10cc (3°) and for light tripods is 30cc (10°). In case the torsional rigidity is low, it's hard to repeat first position by rotating instrument.

Now instruments are getting heavy with the popularization of Robotic Total Station, this specification is very important to get accurate surveying.

■ Quick Reference Matrix

For Auto Level			
	MODEL	FEATURES	PAGE
	ET series	Aluminium, Light-duty type	P 06
	SAT series	Aluminium, Standard type	P 06
	LAN series	Aluminium, Heavy-duty type, Round leg	P 04
	SDX series	Aluminium, Heavy-duty type, Square leg	P 05
For Theodolite / Total Station			
	MODEL	FEATURES	PAGE
	GAT series	Aluminium, Heavy-duty type	P 07
	PMWS series	Wooden, light-duty type	P 08
	PMW series	Wooden, Heavy-duty type, Round leg	P 07
	PGF series	Wooden & fiberglass, Heavy-duty type	P 08
For Rotating laser / Line laser			
	MODEL	FEATURES	PAGE
	NEL series	Aluminium, Light-duty type, Elevating	P 09
	KEL series	Aluminium, Standard type, Elevating	P 08
	LANS series	Aluminium, Heavy-duty type, Round leg	P 04
	SDXS series	Aluminium, Heavy-duty type, Square leg	P 05
	LET series	Aluminium, Heavy-duty type, Square leg	P 09
For Pole			
	MODEL	FEATURES	PAGE
	PPS series	For Pin pole, Aluminium, Scissor clip	P 11
	BIP series	For Prism pole, Carbonfiber & Aluminium	P 10
	RBIP series	For Prism pole, Carbonfiber pole	P 10
For GPS			
	MODEL	FEATURES	PAGE
	BIP series	Carbonfiber & Aluminium Bipod	P 10
	RBIP series	Carbonfiber Bipod	P 10
	SKY series	Aluminium Tripod, Tall type	P 05



TRIPOD

ALUMINIUM TRIPOD ROUND LEG TYPE LAN series



LAN-OL

LAN-GL

■ FEATURES

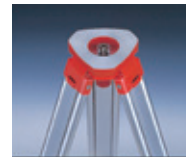
- Matching to ISO standards
- Almighty tripod fit with total station / theodolite
- Durable body with Myzox original designed structure
- Steel tip on shoe grasps ground steadily
- Color selectable (orange / yellow / gray)
- Tripod head selectable (flat / dome)
- Most standard tripod

■ SPECIFICATIONS

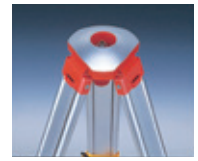
Full extended	: 1,710mm
Full closed	: 1,030mm
Tripod head outer / inner	
Flat head	: 160 / 66mm dia.
Domed head	: 160 / 44mm dia.
Weight	: 3.9kg
Color	: Orange / Yellow / Gray



Strong shoe
Steel tip grasps ground steadily



Flat head



Domed head

■ Land leg (Orange) matching ISO standards

CODE NO.	MODEL	REMARKS
041152	LAN-OL	5/8 inch, Flat head
041154	LAN-OD	5/8 inch, Domed head

■ Land leg (Yellow) matching ISO standards

CODE NO.	MODEL	REMARKS
041166	LAN-YL	Flat head
041168	LAN-YD	Domed head

■ Land leg (Gray) matching ISO standards

CODE NO.	MODEL	REMARKS
218453	LAN-GL	5/8 inch, Flat head
218455	LAN-GD	5/8 inch, Domed head

ALUMINIUM TRIPOD QUICK RELEASE TYPE LANQ series



LANQ-OL



Quick clamp

■ FEATURES

- Matching to ISO standards
- Easy to extend by quick clamp system
- Durable body with Myzox original structure
- Steel tip on shoe grasps ground steadily
- Almighty tripod fit with total station / theodolite

■ SPECIFICATIONS

Model	: LANQ-OL	LANQ-OD
Full extended	: 1,700mm	1,700mm
Full closed	: 1,060mm	1,060mm
Tripod head outer / inner	: 160 / 66mm dia.	160 / 44mm dia.
Weight	: 4.2kg	4.2kg
Color	: Red	Red

CODE NO.	MODEL	REMARKS
041156	LANQ-OL	5/8 inch, Flat head
041158	LANQ-OD	5/8 inch, Domed head

ALUMINIUM TRIPOD SHORT TYPE LANS series



LANS-OL



Repairable steel tip

■ FEATURES

- Useful for work at limited space
- Perfect size for water / sewerage system's work
- Durable body with Myzox original structure
- Steel tip on shoe grasps ground steadily

■ SPECIFICATIONS

Full extended	: 755mm
Full closed	: 550mm
Tripod head outer / inner	: 160 / 66mm Dia.
Weight	: 3.1kg
Color	: Red

CODE NO.	MODEL	REMARKS
041161	LANS-OL	5/8 inch, Flat head



ALUMINIUM TRIPOD SQUARE LEG TYPE SDX series



FEATURES

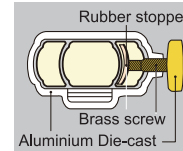
- Strong for torsional stiffness with square shape leg
- Durable body with Myzox original structure
- Steel tip on shoe grasps ground steadily
- Tripod head selectable (flat / dome)
- Color selectable (orange / yellow)

SPECIFICATIONS

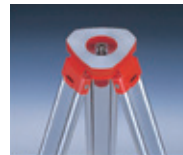
Full extended	: 1,710mm
Full closed	: 1,030mm
Tripod head outer / inner	
Flat head	: 160 / 66mm dia. flat
Domed head	: 160 / 44mm dia. dom
Weight	: 3.9kg
Color	: Orange / Yellow



Strong shoe
Steel tip grasps ground steadily



Clamp screw
Easy to repair by straight screw



Flat head



Domed head

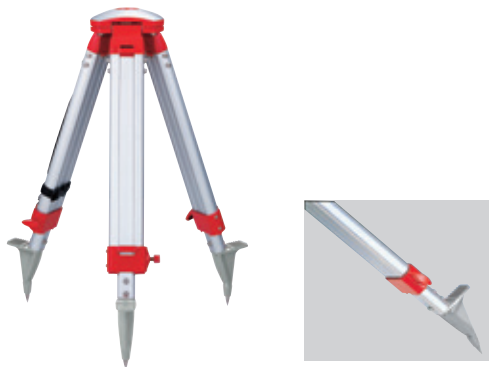
Sun Leg Deluxe (Orange)

CODE NO.	MODEL	REMARKS
210110	SDX-OL	5/8 inch, Flat head
210111	SDX-OD	5/8 inch, Domed head

Sun Leg Deluxe (Yellow)

CODE NO.	MODEL	REMARKS
210381	SDX-YL	5/8 inch, Flat head
210382	SDX-YD	5/8 inch, Domed head

ALUMINIUM TRIPOD SHORT LEG TYPE SDXS-OD



Repairable steel tip

FEATURES

- Perfect height for foundation work
- Strong for torsional stiffness with square shape leg
- Durable body with Myzox original structure
- Steel tip on shoe grasp ground steadily

SPECIFICATIONS

Full extended	: 1,100mm
Full closed	: 750mm
Tripod head outer / inner	: 160 / 44mm dia.
Weight	: 3.5kg
Color	: Red

CODE NO.	MODEL	REMARKS
217199	SDXS-OD	5/8 inch, Domed head

ALUMINIUM TRIPOD TALL TYPE SKY-OL



Flat head

FEATURES

- Specialized design for height works (3.5m)
- Steel tip on shoe grasps ground steadily
- Great fit with GPS, mapping works

SPECIFICATIONS

Full extended	: 3,570mm
Full closed	: 1,940mm
Tripod head outer / inner	: 160 / 56 mm dia.
Weight	: 6.3kg
Color	: Red



CODE NO.	MODEL	REMARKS
041140	SKY-OL	5/8 inch, Flat head



1 TRIPOD
2 PRISM
3 POLE
4 STAFF
5 GPS
6 SURVEYING INSTRUMENT
7 SURVEYING ACCESSORY
8 MEASURING TOOL
9 TESTING SECURITY

TRIPOD

ALUMINIUM TRIPOD ROUND LEG TYPE SAT series



SAT-OL

■ FEATURES

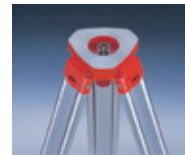
- Light duty but tough body
- Specialized for auto level
- Color selectable (red / yellow)
- Tripod head selectable (flat / dome)
- Clamp system selectable (screw / quick)

■ SPECIFICATIONS

Full extended	: 1,655mm
Full closed	: 978mm
Tripod head outer / inner	
Flat head	: 154 / 66mm dia.
Domed head	: 145 / 42mm dia.
Weight	: 3.5kg
Color	: Red / Yellow
Clamp	: Screw / Quick



Quick clamp available



Flat head



Domed head

■ Screw clamp type

CODE NO.	MODEL	REMARKS
211501	SAT-OL	5/8 inch, Red, Flat head
211502	SAT-OD	5/8 inch, Red, Domed head
211002	SAT-YL	5/8 inch, Yellow, Flat head
211001	SAT-YD	5/8 inch, Yellow, Domed head

■ Quick clamp type

CODE NO.	MODEL	REMARKS
211503	SATQ-OL	5/8 inch, Red, Flat head
211504	SATQ-OD	5/8 inch Red, Domed head
211505	SATQ-YL	5/8 inch, Yellow, Flat head
211506	SATQ-YD	5/8 inch, Yellow, Domed head

ALUMINIUM TRIPOD LIGHT TYPE ET series



ET-GL

■ FEATURES

- Easy to carry around with light-weight
- Specialized for auto level
- Tripod head & color selectable (flat / dome, orange / yellow)

■ SPECIFICATIONS

Full extended	: 1,652mm
Full closed	: 980mm
Tripod head outer / inner	
	: 125 / 37mm dia. (flat), 124 / 40mm dia. (dome)
Weight	: 3.0kg

CODE NO.	MODEL	REMARKS
-	ET-OL	5/8 inch, Red, Flat head
-	ET-YL	5/8 inch, Yellow, Flat head
219312	ET-GL	5/8 inch, Green, Flat head
-	ET-OD	5/8 inch, Red, Domed head
-	ET-YD	5/8 inch, Yellow, Domed head
-	ET-GD	5/8 inch, Green, Domed head

ALUMINIUM TRIPOD QUICK RELEASE TYPE ETQ series



ETQ-GL

■ FEATURES

- Easy setup by quick clamp
- Specialized for auto level
- Tripod head & color selectable (flat / dome, orange / yellow)

■ SPECIFICATIONS

Full extended	: 1,652mm
Full closed	: 980mm
Tripod head outer / inner	
	: 125 / 37mm dia. (flat), 124 / 40mm dia. (dome)
Weight	: 3.5kg

CODE NO.	MODEL	REMARKS
-	ETQ-OL	5/8 inch, Red, Flat head
-	ETQ-YL	5/8 inch, Yellow, Flat head
500515	ETQ-GL	5/8 inch, Green, Flat head
-	ETQ-OD	5/8 inch, Red, Domed head
-	ETQ-YD	5/8 inch, Yellow, Domed head
-	ETQ-GD	5/8 inch, Green, Domed head



ALUMINIUM TRIPOD HEAVYDUTY TYPE GAT series



FEATURES

- Strong for torsional stiffness with square shape leg
- Steel tip on shoe grasps ground steadily
- The heaviest model of aluminium tripod Myzox's line-up brings massive feeling
- Color selectable (orange / yellow)

SPECIFICATIONS

Full extended	: 1,755mm
Full closed	: 1,055mm
Tripod head outer / inner	: 160 / 65mm dia. flat
Weight	: 4.5kg
Color	: Orange / yellow



Tripod head

Large sized tripod head brings a sense of stability to put instrument such as total station & auto level



Strong shoe

Steel tip grasps ground steadily

CODE NO.	MODEL	REMARKS
219341	GAT-OL	5/8 inch, Flat, orange
-	GAT-YL	5/8 inch, Flat, yellow

DUAL LOCK ALUMINIUM TRIPOD DAT-OL



FEATURES

- Can be fixed steadily by dual lock (screw & quick clamp)
- Easy to set the tripod by quick clamp
- Steel tip on shoe grasps ground steadily
- Durable body with Myzox original designed structure
- Can be used for all instruments

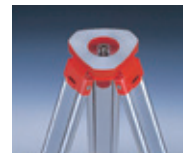
SPECIFICATIONS

Model	: DAT-OL
Full extended	: 1,710mm
Full closed	: 1,030mm
Tripod head outer / inner	: 160 / 65mm dia.
Weight	: 4.1kg



Strong shoe

Steel tip grasps ground steadily



Flat head

DUAL LOCK SYSTEM



Quick lock

Screw lock

When setting the light instrument, It's enough to lock with quick clamp. When setting the heavy instrument, It's good to lock with screw clamp. Setting the tripod is easy and efficient, by using quick and screw clamp.

CODE NO.	MODEL	REMARKS
-	DAT-OL	5/8 inch, Flat head



1	TRIPOD
2	PRISM
3	POLE
4	STAFF
5	GPS
6	SURVEYING INSTRUMENT
7	SURVEYING ACCESSORY
8	MEASURING TOOL
9	TESTING SECURITY

TRIPOD

FIBERGLASS WOODEN TRIPOD PGF-OL



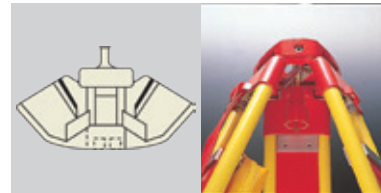
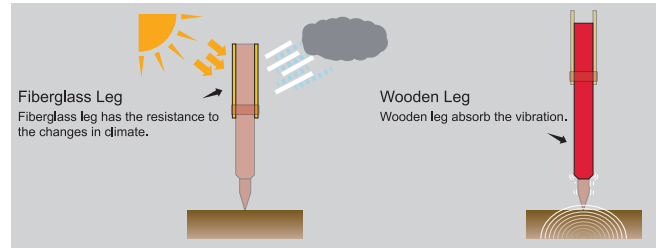
PGF-OL

FEATURES

- High vibrational absorption
- Unaffected from humidity & drying
- High torsional stiffness
- High performance with total stations or laser scanners
- Tripod head can be protected by tripod head cover on the road

SPECIFICATIONS

Full extended	: 1,754mm
Full closed	: 1,090mm
Tripod head outer / inner	: 156 / 56mm dia. flat
Weight	: 7.5kg



Anti-drop structure (PAT.)

Easy to find the best tension of hinge clamp by screwing from the side

CODE NO.	MODEL	REMARKS
219304	PGF-OL	5/8 inch, Flat head

PRECISION WOODEN TRIPOD PMW series



PMW-OL

PMWS-YL

FEATURES

- Less vibration and massive qualified tripod
- Rust-free expansion stopper (PAT.)
- Durable material & structure from humidity & drying
- High performance with total stations or laser scanners
- Tripod head can be protect by tripod head cover on the road

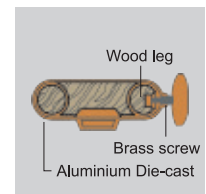
SPECIFICATIONS

Model	PMW(2)-OL	PMWS-YL
Full extended	: 1,754mm	1.655mm
Full closed	: 1,090mm	1,010mm
Tripod head outer / inner	: 160 / 56mm dia. flat	150 / 55mm dia.
Weight	: 7.2kg	4.1kg
Color	: Orange	Yellow



Anti-drop structure (PAT.)

Easy to find the best tension of hinge clamp by screwing from the side



Rust-free stopper (PAT.)



Tripod head cover

Tripod head cover protects the flatness from exogenous force

CODE NO.	MODEL	REMARKS
041019	PMW-OL	5/8 inch, Flat head
041019-7	PMW2-OL	5/8 inch, Flat head, Japan made
218703	PMWS-YL	5/8 inch, Flat head, Japan made



ELEVATING TRIPOD DUSTPROOF TYPE NEL series



Smooth elevating

■ FEATURES

- Designed for easy handling for Laser and Level
- Shifting device and easy handling
- Dust-proof structure by an accordion cover
- Smooth elevating
- Easy to reach locking handle

■ SPECIFICATIONS

Model	NEL-18SL	NEL-33SL	NEL-33L
Full extended	: 1,180mm	1,735mm	2,330mm
Full closed	: 830mm	1,030mm	1,320mm
Elevating range	: 180mm	330mm	330mm
Tripod head outer	: 148mm dia.	148mm dia.	148mm dia.
Weight	: 5.6kg	6.2kg	7.1kg



Black Alumite treatment
(Prevention for irregular refraction)



Tripod Head cover



Safety Chain



Adjustable bubble



Wide space to use hand

CODE NO.	MODEL	REMARKS
217486	NEL-18SL	5/8 inch, short leg
247487	NEL-33SL	5/8 inch, short leg
-	NEL-33L	5/8 inch, long leg

ELEVATING TRIPOD GRADUATED MODEL NEL-60 series



NEL-60SL

■ FEATURES

- Designed for easy handling for laser & level
- Shifting device & easy handling
- Smooth elevating
- Reading on the elevating part

■ SPECIFICATIONS

Model	NEL-60SL	NEL-60L
Full extended length	: 1,890mm	2,330mm
Full closed length	: 910mm	2,490mm
Elevating range	: 330mm	600mm
Tripod outer	: 148mm dia.	148mm dia.
Weight	: 7.1kg	6.9kg
Reading range	: 0 ~ 620mm	0 ~ 620mm

CODE NO.	MODEL	REMARKS
-	NEL-60SL	5/8 inch, short leg
-	NEL-60L	5/8 inch, long leg

ELEVATING TRIPOD TALL TYPE KEL-300



KEL-300

■ FEATURES

- Specially designed for high place working
- Best fit for ceiling work
- Easy to set lasers on the flat head
- Smooth elevating system
- Safety with Air-damping system on elevating part

■ SPECIFICATIONS

Full extended	: 3,010mm
Full closed	: 1,260mm
Weight	: 6.8kg
Tripod head outer dia.	: 148mm dia.
Locking handle	: 5/8inch
Elevating range sec. 1	: 540mm
Elevating range sec. 2	: 530mm



2 steps extension system

CODE NO.	MODEL	REMARKS
217425	KEL-300	5/8 inch, Flat head



TRIPOD

TRIPOD CASE TPC



- FEATURES
 - Up to 1,060mm length tripod is available
 - Easy to carry a tripod
 - Protect a tripod from damage
 - Hard plastic bottom against tripod shoe

- SPECIFICATIONS
 - Model : TPC
 - Allowance tripod length : 1,060mm
 - External diameter : 220mm

CODE NO.	MODEL	REMARKS
211057	TPC	Hard plastic bottom type

COMMERCIAL TRIPOD CASES



ATC
(Tripod for optional)

- FEATURES
 - Up to 1,210mm length tripod is available (WTC)
 - Easy to carry a tripod
 - Protect a tripod from damage

- SPECIFICATIONS
 - Allowance tripod length
 - ATC : 1,060mm
 - WTC : 1,210mm
 - External diameter
 - ATC : 200mm
 - WTC : 210mm

CODE NO.	MODEL	REMARKS
219337	ATC	1,060mm for aluminium tripod
219311	WTC	1,210mm for wooden tripod

CARBONFIBER BIPOD / TRIPOD



RBIP-180



RBIP-180
(A pole is optional)

- FEATURES
 - Light weight by carbonfiber
 - New quick release handle makes fine adjustment easily
 - Tripod brings extra stability to hold a pole
 - Making field work without extra man-power

- SPECIFICATIONS
 - Full extended length : 1,740mm
 - Full closed length : 990mm
 - Weight and fixturable range
 - RBIP-180 : 1.43kg, up to 38mm
 - RTRI-180 : 2.20kg, up to 43mm



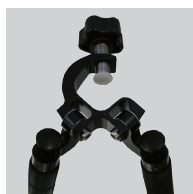
Quick release handle

CODE NO.	MODEL	REMARKS
-	RBIP-1	Carbonfiber bipod
-	RTRB-1	Carbonfiber tripod

BIPOD BIP-180



BIP-180 with RTK pole



Push release
East and quick adjustment of level

- FEATURES
 - Easy leveling with one push on thumb release system
 - Light weight and easy to carry
 - Grasp ground steadily with 2 legs and 1 pole leg
 - 21mm to 36mm dia. pole fitted
 - Best used with RTK pole

- SPECIFICATIONS
 - Full extended : 1,800mm
 - Full closed : 1,080mm
 - Weight : 2.15kg
 - Fixturable range : 21mm to 38mm dia.

CODE NO.	MODEL	REMARKS
217426	BIP-180	Bipod



PRISM POLE TRIPOD PPS

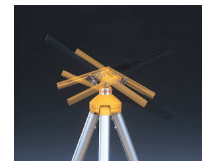


FEATURES

- Easy to adjust by rotating grip system
- Rubber grip holds an object certainly

SPECIFICATIONS

Main material	: Aluminium
Full extended	: 1,230mm
Full closed	: 760mm
Weight	: 1.45kg
Head type	: Rotatable scissors clip
Leg stopper system	: Twist lock



360° rotating grip

CODE NO.	MODEL	REMARKS
041021	PPS	Prism tripod

MINI PRISM POLE TRIPOD MPSPSII



FEATURES

- Easy to adjust a clamping pole with a flexible rotating grip
- Easy to set up a mini prism with 9mm dia. pole
- Slidable arm finds the best position of measuring point
- Flexible scissors clip clamp a pole steadily

SPECIFICATIONS

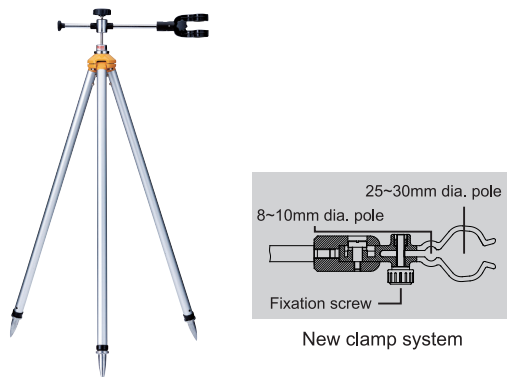
Main material	: Aluminium
Full extended	: 900mm
Full closed	: 620mm
Sliding pole range	: 140mm
Weight	: 1.55kg
Head type	: Flexible scissors clip
Leg stopper system	: Twist lock



Slidable arm

CODE NO.	MODEL	REMARKS
217197	MPPSII	Mini prism tripod

FLEXIBLE PRISM POLE TRIPOD FPPSII



FEATURES

- Possible to clamp 23~30 mm / 8~10mm dia. pole at the top of arm by quick lock system
- Adjustment for circular level and setting soon
- Flexible arm tripod

SPECIFICATIONS

Main material	: Aluminium
Full extended	: 1,280mm
Full closed	: 810mm
Weight	: 1.6kg
Scissors range	: 23 ~ 30mm / 8 ~ 10mm dia. pole

CODE NO.	MODEL	REMARKS
217198	FPPSII	Flexible prism tripod

BIPOD FOR DM PIN POLE SPS



(A DM pin pole & prism are optional)

FEATURES

- Easy and quick to set up
- A DM pin pole is holed by rubber band
- Compact and easy carry to field
- Making field work without extra man-power

SPECIFICATIONS

Length	: 505mm
Material	: Steel
Weight	: 635g
Pole size	: 9mm dia.

CODE NO.	MODEL	REMARKS
219600	SPS	505mm



1 TRIPOD
2 PRISM
3 POLE
4 STAFF
5 GPS
6 SURVEYING INSTRUMENT
7 SURVEYING ACCESSORY
8 MEASURING TOOL
9 TESTING SECURITY

