

Laser Scanner Target Sphere Series

レーザースキャナスフィア



Laser Scanner Sphere
ST-145S/ST-200S

Not to worry about the angle
For target above reference points
and point clouds registration.



POINT 1 Comes with 2 adapters for various use

Adapter ST-SA
for ST-145S / 200S

Center Height with Adapter ST-SA

Tribrach **Scanner Target Pole** **DM Pin Pole**

*Used with Bracket N for Nikon Tribrach *Used with Bracket A

Magnet Adapter

ST-M145 for ST-145S **ST-M200** for ST-200S

Iron column / Steel frame

Center Height with Magnet Adapter

POINT 2 Choose sphere size according to the distance

for shorter distance : 145mm dia.

ST-145S-S

Set Contents
Sphere 145mm dia. (ST-145S) x 6
Adapter (ST-SA) x 6
Magnet Adapter (ST-M145) x 6
Case (M-ST145)



Specifications	ST-145S / ST-200S
Size (Sphere)	145mm dia. / 200mm dia.
Size (Case)	530×410×250mm
Weight (Sphere 1pc)	approx. 342g / 790g
Screw	W5/8 female (with ST-SA)
Operation confirmed	FARO, Leica RTC360, Trimble X7

for longer distance : 200mm dia.

ST-200S-S

Set Contents
Sphere 200mm dia. (ST-200S) x 3
Adapter (ST-SA) x 3
Magnet Adapter (ST-M200) x 3
Case (M-ST200)



Code No.	Product Name	Model
224656	Sphere 145mm dia. Set	ST-145S-S
224657	Sphere 200mm dia. Set	ST-200S-S
224658	Sphere 145mm dia. / 1pc	ST-145S
224659	Sphere 200mm dia. / 1pc	ST-200S
224949	Adapter	ST-SA
224950	Magnet Adapter for 145mm	ST-M145
224952	Magnet Adapter for 200mm	ST-M200
224951	Replacement Case for 145mm	M-ST145
224953	Replacement Case for 200mm	M-ST200



Compact 1.3m Pole

Easy setting

When used with TRILEGGER, stable setting at reference point.
Lightweight : made by carbon fiber.

Built-in circular level



20 / 2mm

Specifications

Size	1,300mm	Screw	5/8 inch male
Weight	0.7kg	Material	Carbon fiber
Pole diameter	32mm dia.	Accessory	Case

Code No.	Product Name	Model
224817	Scanner Target Pole / 1.3m	STP-130
225031	Replacement Case	STP-130-C



Assist Tripod

Lightweight & Stable

Lighter than aluminium tripod, and more stable than bipod.

It also can be used with prism poles or RTK poles.

Specifications

Full extended	1,858mm	Pole	21 - 38mm dia.
Full closed	1,135mm	Material	Aluminium
Weight	2.8kg	Accessory	Case

Code No.	Product Name	Model
224818	Assist Tripod TRILEGGER	TLG100
223946	Replacement Case	RB-C3



3 points of combination use with

Scanner Target Pole

STP-130

&

Assist Tripod

TRILEGGER TLG100

Point 1

Stable, Fixed Height

Instead of using bipod, take assist tripod "TRILEGGER" so it can hold the sphere firmly and make stable reference points.

By using several sets of sphere, pole and assist tripod, prevent the height setting mistakes.



Point 2

Easy Carrying

Sphere, pole, assist tripod, all together, they are lightweight (lower than 5kg) so it is easy to carry around in assembled condition and set up at field.



Point 3

Rapid set-up

Assist tripod TRILEGGER has two legs with thumb release locks and one leg with a screw lock. The leg heights and level are adjustable with thumb release locks for rapid set-up.



Myzox Co., Ltd.

401 Yamagoe, Nagakute, Aichi 480-1111 Japan
TEL : +81-561-64-2210 FAX : +81-561-63-7770

www.myzoxjapan.com

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