Accurate, Reliable and Sophisticated Technology in an Ultra-Light Body

SIGHTING PERFORMANCE

Sokkia's proven mechanical, optical and electronic technologies are embodied in the POWERSET Series within the ultra-light body weighing only 5.4 kg/11.9 lb. The award-winning POWERSET series is one of the most sophisticated total stations ever developed.



■ Ultra-light Total Station

The POWERSET Series total stations are extremely light, weighing a mere 5.4 kg /11.9 lb. - including tribrach, handle and battery. Carrying the instrument is no longer an arduous task.



The compact telescope considerably eases the sighting of targets compared with the bulky telescope usually encountered in conventional total stations. This benefit is especially appreciated by the surveyor wearing a hardhat. The offset between the peep sight and telescope is minimized, so the short-range sighting is easier and faster.

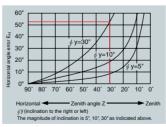


■ Two-Speed Controls

All rotating knobs, such as the telescope focusing ring and the vertical and horizontal fine motion screws, rotate at two speeds for fine and coarse control. These knobs are coated with durable non-slip rubber to give a comfortable and sure grip.

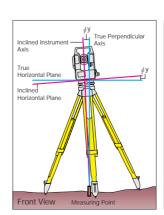


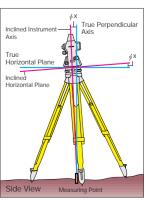
Since it was first introduced with the Series C total stations in 1989, Sokkia's dual-axis compensator has proven its reliability and accuracy at survey sites all over the world. Deviations of both the X and Y axes



are monitored by the dual-axis tilt sensor, and corrections for horizontal and vertical angle readings are automatically computed and applied. This makes levelling of the instrument easier and less time-consuming.

The collimation function automatically corrects the deviations of the horizontal, vertical and sighting axes.







Micro-Prism Reflective Sheet Targets Provide Simple Solutions in Demanding

REFLECTIVE SHEET TARGETS

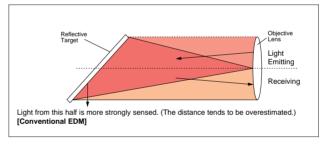
With the POWERSET Series total stations you have the option of measuring distances with Sokkia's innovative reflective sheet targets as well as with conventional glass prisms. Reflective sheet targets are far less expensive than glass prisms and can be quickly and easily set up in locations where glass prisms cannot.



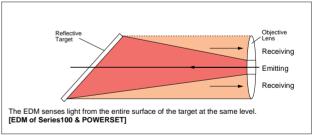
■ Unique EDM designed for use with both reflective sheet targets and glass prisms.

Conventional EDM's rely on vertical or horizontal partitioning of the lens, of which one half is used as the light emitter and the other half as the light receiver. This design works well with glass prisms, but it does not accommodate reflective sheet targets. When measuring the sheet targets, inclination of the sheet (setup angle) causes variations in the returned light that render measurement either impossible or erroneous. The POWERSET Series incorporates an innovative optical system in which the central portion of the objective lens acts as the light emitter and the surrounding portion acts as the receiver. With this system, errors introduced by inclination of the target are obviated (providing it is set within $\pm 30^{\circ}$) resulting in measurements accurate to $\pm (4+3\text{ppm x D})\text{mm}^*$. With glass prisms, the POWERSET can measure the distance with an accuracy of $\pm (2+2\text{ppm x D})\text{mm}^*$.

*D:measuring distance, unit:mm







Measuring Ranges

Model	Size (mm)	Measuring distance (when targets face in right angle)				
		SET1010/SET2010	SET3010	SET4 ₀₁₀		
RS10N	10x10	1m~40m	1m~30m	1m~25m		
RS50N	50x50	1m~90m	1m~80m	1m~60m		
RS90N	90x90	1m~120m	1m~100m	1m~80m		

Full Alphanumeric Keyboards and Easy Displays are Provided on Both Faces

OPFRABILITY

Only alphanumeric keyboards can offer such ease of data input, and the large displays provide certain confirmation at a glance. Rechargeable batteries (two supplied) provide enough power for a full day's work and can be charged in just over an hour.

■ Two Displays and Full Alphanumeric **Keyboards for Easy and Sure Operation**

Even with a wide variety of functions, operation is remarkably easy thanks to the POWERSET's large displays and alphanumeric keyboards. The 8-line, 20character screens display alphanumeric data. They allow at-a-glance confirmation of a large volume of data, such as point number, point name, 3-D coordinate values, mode set, and much more. A graphic "bull's-eye"level is also provided for optimum set-up efficiency.

■ Ergonomically Designed keyboards for Fast and Efficient Data Input.

The keys are laid out for the fastest possible operation from either side of the instrument.

Entering job names, point numbers, point names, coordinate values, and processing survey data are as fast and efficient as when using

Sokkia's SDR Electronic Field Book.

■ Large, Easy-to-Read LCD Displays(20 characters, 8 lines)

Non-glare glass and backlighting ensure comfortable reading. Plus, displays operate in a wide range of temperatures without power- consuming display heaters.





View: Confirm or search for the recorded data at any time. Note: Input notes at any time.



			SET1010 / 2010	SET3010	SET4010	
Telescope			Fully transiting. Coaxial sight	ting and distance measuring opti	cs.	
Size (without peep sights)			L165 x W62 x H80 mm (6.5 x 2.5 x 3.2 in.)			
Objective aperture			45 mm (1.8 in.) (EDM: 50 mm (2.0 in.))			
Magnification			30 x			
Image			Erect			
Resolving power			3"			
Field of view			1° 30' (26 m/1,000 m)			
Minimum focus			1.0m (3.3 ft.)			
Reticle illumination			Built-in. Bright / Dim, selectable			
Focusing ring			Fine / Coarse two speeds			
Angle measurement			Photoelectric incremental rotary encoder scanning. Both circles adopt diametrical detection and are provided with absolute 0 index points.			
Unit		H&V	360° / 400gon / Quad brng / r	mil, selectable		
Display resolution (selectab	le)	H&V	0.5" / 0.1 mgon / 0.002 mil	1" / 0.2 mgon / 0.005 mil	5" / 1mgon / 0.02mil	
			1" / 0.2 mgon / 0.005 mil	5" / 1 mgon / 0.02 mil	10" / 2mgon / 0.05mil	
Accuracy (Standard deviatio	n of mean of a measurement	H&V	SET1010 : 1" (0.3mgon)	3" (1 mgon)	5"(1.5 mgon)	
taken in position I	and II, according to DIN18723)		SET2010 : 2" (0.6mgon)			
Measuring time		H&V	Less than 0.5 seconds, continuous			
Automatic dual-axis level cor	mpensator		ON (V&H, only V) / OFF selectable Display : Digital / Graphic, selectable			
	Туре		Dual-axis liquid tilt sensor			
	Range		±3' (±55 mgon,) out-of-range warning displayed.			
	Display resolution		According to selection of display resolution			
Collimation program			ON / OFF selectable			
Display mode		Н	Clockwise / Counterclockwise, selectable ; 0 set, angle setting, available			
		V	Zenith angle (Zenith 0°) Vertical angle (Horizontal 0°) selectable			
Distance measurement			Modulated near infrared light, 3 frequencies, Near infrared LED, Coaxial EDM transmitting			
			and receiving optics			
Measuring range (slope dista	ance) Atmos	pheric conditions	A: Average conditions: slight haze, visibility about 20 km (12 miles), sunny periods, weak scintillation			
			G: Good conditions: no haze, visibility about 40 km (25 miles), overcast, no scintillation.			
			The range is achieved by using Sokkia's AP prism system, CP01 Compact prism and			
			Reflective sheet target RS90N (90 x 90mm).			
	Reflective sheet target RS90I	J A	1 m to 120 m (390 ft.)	1 m to 100 m (320 ft.)	1 m to 80 m (260 ft.)	
	With CP01 compact prism	Α	1 m to 800 m (2,600 ft.)	1 m to 700 m (2,200 ft.)	1 m to 600 m (1,900 ft.)	
	With one AP01 prism	A	1 m to 2,400 m (7,800 ft.)	1 m to 2,200 m (7,200 ft.)	1 m to 1,600 m (5,200 ft.)	
	With one 7th or priorit	G	1 m to 2,700 m (8,800 ft.)	1 m to 2,500 m (8,200 ft.)	1 m to 1,800 m (5,900 ft.)	
	With three AP01 prisms	A	1 m to 3,100 m (10,100 ft.)	1 m to 2,900 m (9,500 ft.)	1 m to 2,100 m (6,800 ft.)	
	with three 7th or phonis	G	1 m to 3,500 m (11,400 ft.)	1 m to 3,300 m (10,800 ft.)	1 m to 2,400 m (7,800 ft.)	
	With nine ADO1 priems	A	1 m to 3,700 m (12,100 ft.)	, , ,	,	
	With nine AP01 prisms	G		1 m to 3,500 m (11,400 ft.)	1 m to 2,500 m (8,200 ft.)	
I Init		G	1 m to 4,200 m (13,700 ft.)	1 m to 4,000 m (13,000 ft.)	1 m to 2,900 m (9,500 ft.)	
Unit			Meters / Feet, selectable			
Display resolution	Fine measurement		0.001 m / 0.001 m.			
				0.001 m (0.01 ft.)		
			(0.001 ft / 0.01 ft.)	0.001 m (0.01 ft.)		
	Rapid measurement			0.001 m (0.01 ft.)		
	Rapid measurement Tracking measurement		(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.)			
Unambiguous measuring rar	Tracking measurement		(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.)			
Unambiguous measuring rar	Tracking measurement	Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.)			
Unambiguous measuring rar	Tracking measurement nge (Slope distance)	Fine meas. Rapid meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.)			
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance)		(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm			
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance) With glass prism	Rapid meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm			
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance) With glass prism	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm	9,999.999 m (32808.33 ft.)		
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target*	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm	9,999.999 m (32808.33 ft.)		
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1	9,999.999 m (32808.33 ft.) s)		
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm)	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7	9,999.999 m (32808.33 ft.) s)	/ humidity input, (3) ppm inpu	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7	9,999.999 m (32808.33 ft.) s) s) s) put, (2) Temperature / pressure	/ humidity input, (3) ppm inpr	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 0.01 m (0.1 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, selectives	9,999.999 m (32808.33 ft.) s) s) s) put, (2) Temperature / pressure		
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±very 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, selectrically and the compensation are compensation.	9,999.999 m (32808.33 ft.) s) s) sput, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste	eps)	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range Pressure input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, select. -30°C to +60°C (0.01°C step 500hPa to 1,400hPa (1hPa steps), 376	s) s) s) sy put, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste	eps)	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time Atmospheric correction	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range Pressure input range ppm input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, select: -30°C to +60°C (0.01°C step 500hPa to 1,400hPa (1hPa steps), 375 -499ppm to +499ppm (1ppm	s) s) s) sy put, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste	eps)	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time Atmospheric correction	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range Pressure input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, selections of the compensation of the compe	9,999.999 m (32808.33 ft.) s) s) s) sput, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste smmHg to 1,050mmHg (1mmHg steps),14.6 steps)	eps)	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time Atmospheric correction	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range Pressure input range ppm input range Humidity input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, selectrical sel	9,999.999 m (32808.33 ft.) s) s) s) sput, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste simmHg to 1,050mmHg (1mmHg steps),14.8 steps)	eps)	
Unambiguous measuring rar Accuracy (D=measuring distance, unit : mm) Measuring time Atmospheric correction	Tracking measurement nge (Slope distance) With glass prism With reflective sheet target* Fine meas. Single/repeat Rapid meas. Single/repeat Tracking meas. Temperature input range Pressure input range ppm input range Humidity input range	Rapid meas. Fine meas.	(0.001 ft / 0.01 ft.) 0.001 m (0.01 ft.) 9,999.9999 m (32808.333 ft.) ±(2 + 2ppm x D) mm ±(5 + 5ppm x D) mm ±(4 + 3ppm x D) mm ±(5 + 5ppm x D) mm Every 2.0 s (initial meas. 4.1 Every 0.9 s (initial meas. 2.7 Every 0.4 s (initial meas. 2.5 (1) Temperature / pressure in (4) w/o compensation, selections of the compensation of the compe	9,999.999 m (32808.33 ft.) s) s) s) s) sput, (2) Temperature / pressure able s) / -22°F to +140°F (0.01°F ste simmHg to 1,050mmHg (1mmHg steps),14.8 steps) sps) F, selectable	eps)	

		SET1010 / 2010	SET3010	SET4010		
Computer and data transfer						
CPU		V25 (10MHz)				
Operating system		MS-DOS compatible				
RAM		640KB				
System ROM		128KB				
ROMDISK (for application so	ftware)	1MB FLASHROM				
RAMDISK		512KB				
Data storage	Internal Memory	512KB SRAM, Data memory capa	acity: Approx. 5000 points	s** (or approx. 4400 points***)		
	Memory card	SDC5 (128KB) : SRAM, Memory capacity approx. 2000 points** (or approx. 1200 points**				
		SDC6 (256KB), SDC8 (512KB)	are optionally available.			
		Data transfer : Non-contact magn	etic coupling system			
		Water resistance : protected again	nst splashing water as de	fined by Japanese Industrial Standard Class		
		IPX4 in compliance with Internation	onal Electrotechnical Com	mission Standard Class IPX4		
Calendar, clock function		Provided				
Interface		Asynchronous serial, RS-232C compatible, Centronics compatible (w / optional DOC46 Printer cable)				
		Baud rate: 38,400 / 19,200 / 9,600 / 4,800 / 2,400 / 1,200bps				
		Data bits: 7 / 8, Parity: Not set /	Odd / Even, Stop bit 1 / 2	selectable		
General		, , ,	, ,			
Display unit		Alphanumeric / graphic dot matrix	LCD (120 x 64 dots, 20	characters x 8 lines) on each face		
		Backlight, Non-reflective glass, pr		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Keyboard		43 latex keys on each face (alpha	anumeric, cursor, edit, pov	wer, softkey function, illumination)		
Self-diagnostic function		Automatic, Messages / Codes displayed				
Sensitivity of levels	Plate level	20" / 2 mm	30" / 2 mm			
,	Circular level (in tribrach)	10' / 2mm				
Optical plummet		Image: Erect, Magnification: 3x, N	/linimum focus: 0.5 m (1.6	4 ft.)		
Clamps / Fine motion screws	H&V	Co-axial, Fine/Coarse two-speed motion				
Standing axis		Single				
Operating temperature		-20°C to +50°C (-4°F to +122°F	•)			
Water resistance		Protected against falling water dro	ops as defined by Japanes	se Industrial Standard Class IPX2		
		in compliance with International E	: Electrotechnical Commission	on Standard Class IPX2		
Tilting / Trunnion axis height		236mm (9.3in.) from tribrach bottom, 193mm (7.6in.) from tribrach dish.				
Size with handle and BDC35	battery	W188 x D165 x H345 mm (W7.4 x D6.5 x H13.6 in.)				
Weight with handle, battery ar		5.4 kg (11.9 lbs.)				
Weight of parts	•	BDC35 battery: 240g (8.5oz), handle: 100g (3.5oz), tribrach: 700g (1.5lbs), carrying case: 3.7kg (8.2lbs)				
Power supply		, , ,	3 ()			
Operating voltage		6V DC				
Battery level display		4 steps with warning message				
Automatic power cut-off		Automatic cut-off 30 minutes after operation, ON / OFF selectable				
Resume function		ON / OFF selectable (backed up for about 1 week)				
BDC35 Rechargeable Battery		Ni-MH rechargeable battery, 2 pc				
,	Continuous use at 25°C (77 °F)	Angle & distance measurement: Approx. 4.5 hours (Approx. 500 points)				
	per battery	(Fine & single measurement, me		·		
		Angle measurement only : Approx		•		
	Charging time per battery	Approx. 70 minutes with CDC39,				
BDC12 Large External	Continuous use at 25°C (77 °F)	Angle & distance mode : Approx.		points)		
Rechargeable Battery (option)	per battery	(Fine/single measurement, measu				
goddio Zallor, (option)	•	Angle measurement only: Approx				
	Charging time per battery	Approx. 15 hours with optional CI				
		To the state of the optional Of				

Designs and specifications are subject to change without notice. Specifications not listed under specific instruments are identical to those appearing to the left. MS-DOS & Windows are trademarks of Microsoft Corporation. The SET1010 is made only on order. Please inquire about lead times when ordering.

● Standard Configuration ●

The POWERSET Series comes with:

a tribrach, two rechargeable batteries BDC35, a quick chargerCDC39/40/48, memory card SDC5 (128KB), RS-232C cable DOC27, tubular compass CP7, sunshade,lens cap, plumb bob, vinyl cover, tool kit,basic operating manual, POWERSET SDR software reference manual, application software menu list, carrying case and shoulderstrap.

■ Expert Software (optional)

Diskette Box containing:

- POWERSET SDR Version 4.2 Expert (3.5" floppy disk x 1),
- COMMS Software (3.5" floppy disk x 2), COMMS Reference Manual, Document Envelope



Accessories (optional)







Solar Filter (flip-up type) Back Pack SC153



^{**}When the beam's incident angle is within ±30° up and down / right and left in relation to the surface of the target.

When using four-digit numeric point names. * When using four-digit alphanumeric point names (SDR33 format). ** When using four-digit numeric point names.