

# Electronic Theodolite

Minimum reading 1" / 5" • Detachable(5/8inch) type tribrach

**NEW**

STS DIGITAL THEODOLITE

# SDT10WS

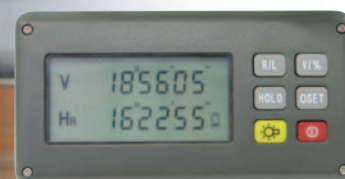
**Magnification 30X**

**Minimum reading**

Convertible to 1" or 5"

**Digital wide LCD display**

2 lines/8 digits Built-in illuminating function  
While LCD is illuminated, the cross line in the telescope is also lighted, and it will help you to work in dark place.



**Various angle display is available**

For example 0° against ceiling, Horizon 0° & Horizon 0° ± 90°. It is also available to indicate % of slope.

**Easy to switch to left or right rotation on horizon**

Only touch on R/L key.

**Automatic power-off system**

If the power has been on for a certain time, it will be off automatically and save the battery life. In addition to this function, you can choose the time to be off automatically from 20 min. and 30 min.



Tripod for SDT10WS  
Item No. STS-OL (optional)

## Main specification for SDT10WS

Telescope	
Length	156mm
Objective lens aperture	45mm
Magnification	30X
Image	erect
Resolving power	3.5"
Filed of view	1° 30' (26m/1000m)
Minimum focus distance	1.3m
Cross line illumination device	provide
Stadia ratio	100
Stadia constant	0
Angle measurement	
Method	Increment
Minimum display	1" / 5" (alternative)
Accuracy	5" (JIS B7909 1998 equivalent)
Measurement mode	
Horizon	right /left(alternative)
Vertical	0° against ceiling/ Horizon 0° /Horizon ±90° (changeable)
Power supply	
Power supply	alkaline battery x 4 pcs.
Battery life	about 12 hours

Other remarks	
Display	2 LCDs(for front and rear), 2 lines/8 digits, with illumination
Automatic power-off function	device Alternative with or without function.(If with function, also have 2 choices: power-off after 20 min. or 30 min.)
Bubble accuracy	plate type 60" /2mm
Telescope	Image 10' /2mm
	Magnification Erect
	Min.focus distance 4X
Tribrach	0.5m
Waterproof	Detachable(5/8inch) type
Working temperature	IP54 equivalent
Height	-20°C ~ +50°C
Measurement	218mm
Weight	200mm x 145mm x 330mm

### Accessories included

SDT10WS / Plumb bob / Protective cover / Tool set /  
Alkaline battery x 4 pcs. / Hard case / Lens cap / Instruction manual



ISO 9001 Certified



ISO 9001 Certificate no. 900982

**JSIMA**  
Japan Surveying Instruments Manufacturers' Association

JSIMA is an organization aiming at development and advancement of Japanese Land Surveying Industry. We, STS, are the formal member of this organization.

DUE TO PRODUCT IMPROVEMENT, THE SPECIFICATION & THE APPEARANCE MAY CHANGE WITHOUT ANY NOTICE.

The theodolite of specification for minimum reading 5"/10" and shifting type tribrach (35mm) is also available.

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