



# Simple and Easy Entry level Total Station

- Design and Quality by TOPCON, Japan
- Long operation time 39 Hours!
- Long range measurement



Japan technology by Topcon

# About 2LS™

2LS marks a new market concept in the laser tools business. 2LS incorporates products, sales and marketing material into a self-explaining platform. Products are high quality positioning tools that bridge the gap between "do-it-yourself" laser gadgets and industrial quality laser and surveying instruments used on large construction and civil engineering projects. And materials around the products ensure minimum time effort in understanding the capabilities, applications and unique feature points of the products via various modern marketing methods.

## Specifications

Model		CYGNUS KS-102P
<b>Telescope</b>		
Magnification		30x
Image		Erect
Field of View		1°30'
Resolving power		3.0"
Minimum focus distance		1.3m
<b>Angle measurement</b>		
Display resolution		1" / 5"
Accuracy		2"
Axis compensator		1 axis, ±3' (Compensation range)
<b>Distance measurement</b>		
Measuring range	Prism	2,300m* (Single Prism)
Accuracy	Prism	(2+2 ppm x D)mm
Measuring time (Fine)	Prism	1.2s
<b>Interface and Data Management</b>		
Display		Graphic LCD
Keyboard		24 Alpha-Numeric Keys
Control panel location		2 sides
Data storage	Internal memory	24,000 pts
	Plug-in memory device	N/A
Interface		Serial RS-232C
<b>General</b>		
Levels	Plate Level	30" / 2mm
	Circular level	10' / 2mm
Optical plummet (Magnification)		3x
Dust and water protection		IP54
Operating temperature		-20 to 50°C
Size with handle		336(H) x 184(W) x 172(L) mm
Weight with battery & tribrach		4.8kg
<b>Power supply</b>		
Battery		BT-77Q
Operating time(20°C)		Approx. 39 hours

\* Good conditions: No haze with visibility about 40km (25 miles), overcast with no heat shimmer.

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[www.2LS-tools.com](http://www.2LS-tools.com)

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