

# BEAR T5D THEODOLITE



- Brilliant optics
- High accuracy - 5 Arc Seconds
- Large, bright dual LCD displays
- Automatic Vertical angle start up
- Vertical angles in degrees & percentage
- Long battery life (80+ hours)
- 2 Year Warranty

**BEAR**<sup>TM</sup>  
S C I E N T I F I C

SERVING AUSTRALIA SINCE 1984  
**GSR LASER TOOLS**  
GEODETTIC SUPPLY & REPAIR

**Measuring, levelling  
and layout solutions  
for all trades**

Mining - Aligning - Engineering - Environmental - Civil Construction  
Surveying - Geological - Glass Testing - Speed Detection

**GSR Laser Tools**  
Unit 7 / 7 Prindiville Drive - Wangara WA 6065  
Ph: 08 9409 4058

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Model	T5	T5L
Telescope		
Length of Telescope	156mm	
Image	Erect	
Objective Lens Aperture	45mm	
Magnification	30X	
Field of View	1°30'	
Resolving Power	3.5"	
Shortest Sighting Distance	1.3m	1.5m
Stadia Ratio	100	
Stadia Constant	0	
<b>Angle Measurement</b>		
Method	Absolute type encoder	
Detecting	Horizontal:Double	
	Vertical:Single	
Minimum Angle Reading	1"/5" Optional	
Accuracy	2"	
Display Panel	Double Face	
<b>Compensator</b>		
Tilt Sensor	Yes	
Range	±3'	
<b>Output Interface</b>		
Communication Standard	RS232C	
Date Output Interface	Yes	
Memory	1000 Points	
<b>Laser Plummet</b>		
Laser power	1mW	
Dot Diameter	≤2mm	
Accuracy	1mm @ 1m	
<b>Base</b>		
Base Model	Separate tribrach	
<b>Power</b>		
Battery	Alkaline battery holders, 2 supplied (holds 4 x AA Alkaline batteries)	
Working Time	About 45 Hours	
<b>Bubble</b>		
Sensitivity of Long Vial	30"/2mm	
Sensitivity of Bubble	8'/2mm	
<b>Other</b>		
Size	160x175x340mm	
Temperature	-20° to +50°	
Net Weight	4.8kgs	
<b>Collimation laser</b>		
Wave length	No	635nm
Max working distance	No	200m (on to shaded surface)



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