

## Specifications

LASER	GTS-751	GTS-753	GTS-755	GPT-7501	GPT-7503	GPT-7505
<b>ANGLE MEASUREMENT</b>						
Accuracy**	1"	3"	5"	1"	3"	5"
Method		Absolute Reading			Absolute Reading	
Min. Reading	0.5"/1"	1"/5"	1"/5"	0.5"/1"	1"/5"	1"/5"
Compensation		Dual Axis			Dual Axis	
Compensating Range		±6'			±6'	
<b>TELESCOPE</b>						
Magnification(x)		30x			30x	
Min. Focus Distance		1.3m			1.3m	
<b>PRISM MODE DISTANT MEASUREMENT</b>						
1 prism	3,000m	3,000m	2000m		3,000m	
3 prism	4,000m	4,000m	2700m		4,000m	
9 prism	5,000m	5,000m	3400m		5,000m	
Mini prism	1,000m	1,000m	900m		1,000m	
Accuracy	±(2mm+2ppmxD*) m.s.e.			±(2mm+2ppmxD*) m.s.e.		
<b>NON-PRISM MODE DISTANCE MEASUREMENT (GPT-7500 Series Only)</b>						
Range (Kodak White)				<b>NORMAL MODE</b>	<b>LONG MODE</b>	
Accuracy				1.5m - 250m	5.0m - 2000m	
Fine				±(5mm)	±(10mm+10ppmxD*)	
Coarse				±(10mm)	±(20mm+10ppmxD*)	
Tracking				±(10mm)	±(100mm)	
<b>COMPUTER UNIT</b>						
On-Board Processor	Microsoft Windows® CE.NET 4.2 Intel PXA255 400MHz			Microsoft Windows® CE.NET 4.2 Intel PXA255 400MHz		
Memory	64M byte			64M byte		
RAM	2Mb(Flash ROM) + 128Mb(SD Card)			2Mb(Flash ROM) + 128Mb(SD Card)		
ROM	(A portion is used for pre-installed programs and data management functions)			(A portion is used for pre-installed programs and data management functions)		
Displays	Dual	Dual	Single	Dual	Dual	Single
Screen	320 x 240(QVGA) Color LCD TFT			320 x 240(QVGA) Color LCD TFT		
<b>INTERFACE</b>						
Card System	CompactFlash Card(Type I/II)			CompactFlash Card(Type I/II)		
Serial I/F Port	RS-232C(6 pin)			RS-232C(6 pin)		
	(2) USB Mini-B and Type A			(2) USB Mini-B and Type A		
<b>PHYSICAL SPECIFICATION</b>						
Weight						
Instrument(with battery)	5.9kg			6.6kg		
Carrying case	4.5kg			4.5kg		
Environmental	IP54(Based on the standard IEC60529)			IP54(Based on the standard IEC60529)		
Operating Temp.	-20°C to +50°C (-4°F to +122°F)			-20°C to +50°C (-4°F to +122°F)		
Battery Power						
Include distance measurement	10h			6h		
Angle measurement only	12h			12h		
Recharging	5h			5h		



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Specifications subject to change without notice  
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