

Model	TP-L4GV	TP-L4G	TP-L4BG	TP-L4A	TP-L4B
Laser oscillation					
Laser source	LD (laser diode)				
Laser wavelength	532nm(green)			633nm(red)	
Objective power	1mW(max.)			2mW(max.)	
Laser class	Class 2			Class 3A	
Diameter of beam spot	12mm dia.				
Gradient setting					
Gradient range	-15% to +40%(-150‰ to +400‰)				
Minimum gradient setting range	0.001%				
Detection method	Absolute encoder				
Line control					
Line range	±15%				
Automatic alignment					
Automatic alignment range	5 to 100m	-	5 to 100m	-	-
Auto Leveling Range					
Grading direction	±10%				
Rolling direction	Arrpox. ±4°				
Horizontal accuracy	±10"				
Battery					
Battery Life	Approx. 45hrs(DB-53)			Approx. 70hrs(DB-53)	
Rechargeable battery	Approx. 32hrs(BT-53Q)			Approx. 48hrs(BT-53Q)	
Temperature range					
Operating temperature range	-20°C to +50°C				
Protection against water and dust	Watertight (JIS degree of protection 7 or more, watertight type)				
Dimensions (mm)	125×374mm dia.				
Weight	Approx. 3.8kg (including BT-53Q)				

Upper/lower beam	TP-L4GV/AV
Laser source	LD (laser diode)
Laser wavelength	650nm
Objective output	0.9mW
Compensating range	Gradient direction ±4°
	Rotating direction ±2°
Vertical accuracy	Upper laser ±1'
	Lower laser ±3.5'

Remote controller RC-200	
Operating range	200m(25m from the front or from above)
Function	Marking-off function, auto-alignment (TP-L4F/L4GV/L4A/L4AV), flickering mode, laser ON/OFF, line centering
Battery	A4 size battery 4
Battery source	Approx. 4 months (Manganese cell), Approx. 8 months (Alkaline battery)