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12V MAX Green Multi Line Laser





Product Objectives

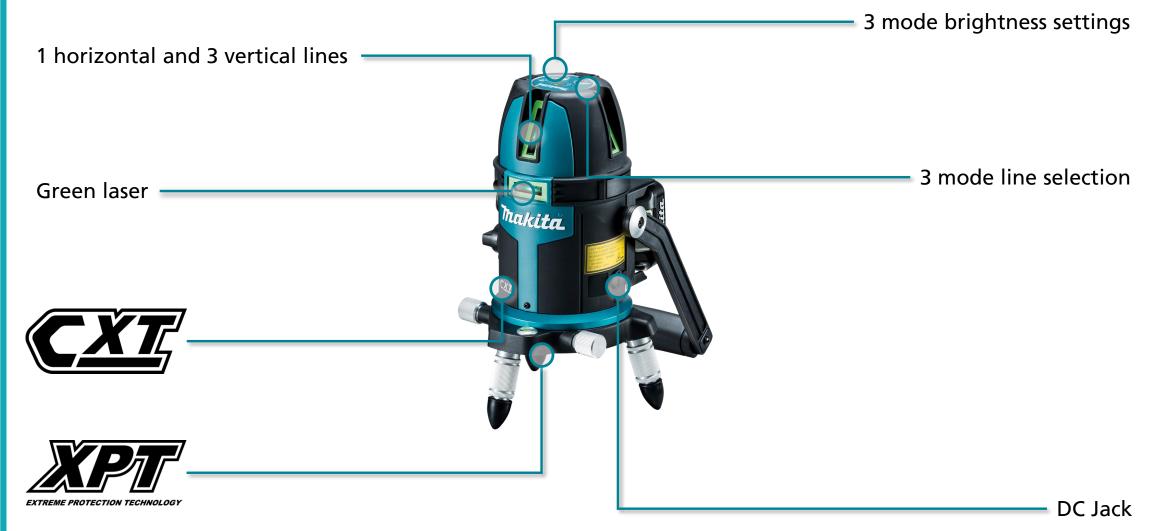
- Design a multi line laser to suit the needs of plastering, tiling, plumbing, building and flooring
- Develop a high precision, high brightness green laser for applications such as levelling, aligning and squaring





Product Overview

SK312GDZ – 12V Green Multi Line Laser



Product Specification Sheet

SK312GDZ – 12V Green Multi Line Laser



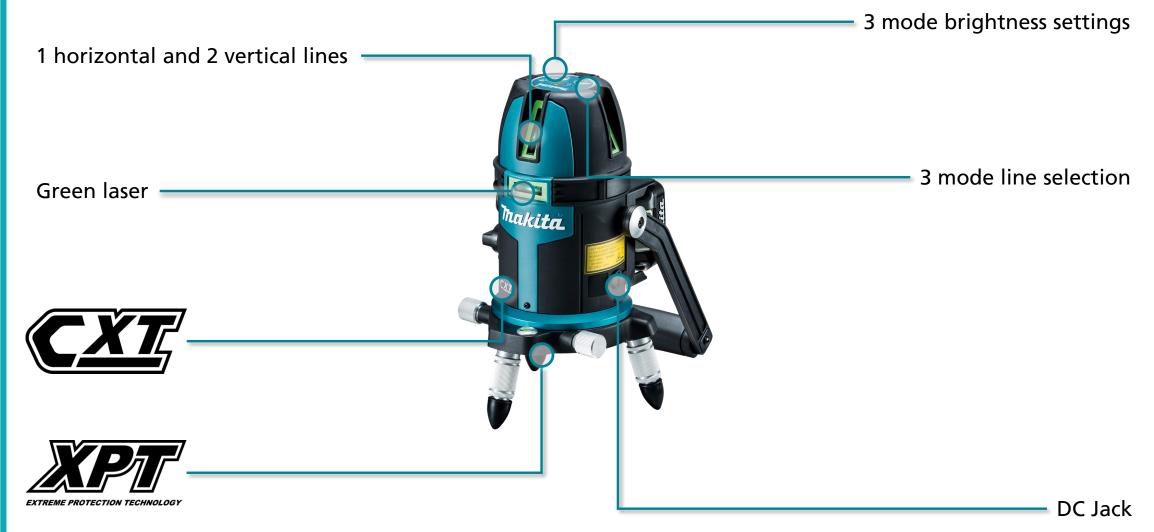
Diameter of laser point	2.5mm @10m
Range	20m
Self leveling range	2°
Measuring tolerance	±1 mm / 10 m
Operating temperature range	-10º - 40ºC
Continuous runtime	4.0Ah - 28 hours
Overall length	122mm
Skin weight	1.27kg
Weight (with battery)	1.6kg
Voltage	12V MAX

- **1 Horizontal and 3 vertical lines** laser projects 1 horizontal line and 3 vertical lines forward, left and right each intersecting at 90 degrees
- Green laser the human eye is better able to recognise colours in the green spectrum, therefore green lasers can be up to 4 times brighter than red lasers
- **CXT** powered by 12V Max batteries the laser has a extended continuous runtime of up to 28hours on maximum power with a 4.0Ah battery and 10 hours with a 1.5Ah
- **XPT** for use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced with a IP54 rated body
- **3 mode brightness settings –** laser can be emitted in 3 different brightness settings, Eco, normal and high brightness
- **3 mode line selection** line beam can be emitted in 3 modes, horizontal only / horizontal and single vertical / horizontal and 3 vertical
- **DC jack** allows power to be supplied from 18V batteries using USB adaptor ADP05 and power supply cable



Product Overview

SK209GDZ – 12V Green Multi Line Laser



Product Specification Sheet

SK209GDZ – 12V Green Multi Line Laser



Diameter of laser point	2.5mm @10m
Range	20m
Self leveling range	2°
Measuring tolerance	±1 mm / 10 m
Operating temperature range	-10º - 40ºC
Continuous runtime	4.0Ah - 40 hours
Overall length	122mm
Skin weight	1.27kg
Weight (with battery)	1.6kg
Voltage	12V MAX

- **1 Horizontal and 2 vertical lines** laser projects 1 horizontal line and 2 vertical lines forward, left and right each intersecting at 90 degrees
- Green laser the human eye is better able to recognise colours in the green spectrum, therefore green lasers can be up to 4 times brighter than red lasers
- **CXT** powered by 12V Max batteries the laser has a extended continuous runtime of up to 28hours on maximum power with a 4.0Ah battery and 10 hours with a 1.5Ah
- **XPT** for use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced with a IP54 rated body
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- **3 mode line selection** line beam can be emitted in 3 modes, horizontal only / horizontal and single vertical / horizontal and 2 vertical
- **DC jack** allows power to be supplied from 18V batteries using USB adaptor ADP05 and power supply cable

Advantages

Visibility



High brightness green beam laser

Accuracy



Highly accurate to within ±1mm at 10 metres

Durability



Durable design with XPT and an IP54 rated laser body

Compatibility



12V Max battery provides the convenience of a rechargeable tool battery



Advantages

High Brightness Green Laser

The human eye is better able to recognise colours in the green spectrum, therefore green lasers can be up to 4 times brighter than red lasers in environments with higher ambient or natural light.

The image below displays both a red and green laser at a distance of 5 metres with a distinct difference in the visibility between the two.





SOur Range

	SK312GDZ	SK209GDZ	SK102Z	SK103PZ	SK104Z	SKR200Z
			Trakita	Trakita	Takita	Trackita
Diameter of laser point	2.5mm @10m	2.5mm @10m	6mm @ 10m	6mm @10m	6mm @10m	6mm @10m
Range	20m	20m	10m	15m	15m	200m diameter
Self leveling range	2°	2°	± 4°	± 4°	± 4°	± 6°
Measuring tolerance	±1 mm / 10 m	±1 mm / 10 m	± 3.0mm/10m	± 3.0mm/10m	± 3.0mm/10m	± 1.0mm/10m
Operating temperature range	-10º - 40ºC	-10º - 40ºC	0°C - 40°C	-10º - 40ºC	-10º - 40ºC	-10º - 50ºC
Continuous runtime	4.0Ah - 28 hours	4.0Ah - 40 hours	-	-	-	-
Overall length	122mm	122mm	102mm	117mm	117mm	197mm
Skin weight	1.27kg	1.27kg	-	-	-	-
Weight (with battery)	1.6kg	1.6kg	0.32kg	0.53kg	0.53kg	1.6kg
Power source	12V MAX	12V MAX	3 x AAA	4x AA	4x AA	2 x 1.5V

Accessories

Standard Accessories				
	TK02100200	Laser viewing glasses		
	TK00SB0001	Should strap		
Produktik	TKAK400MUN	Storage case		



Optional accessories				
	TK0LDG301F	Laser Receiver		
	TK000ET03F	Wall mount		
	199006-4	USB Cable Set (To be used with ADP05 to power the laser)		
Thakita	ADP05	18V USB adapter		

