

Makita

12V MAX Cross Line Laser

SK105GDZ
SK105DZ



CXT

Product Objectives

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



Product Overview

SK105DZ – 12V Max Red Cross Line Laser

1 horizontal and 1 vertical line

2 mode brightness settings

Red laser

3 mode line selection



DC Jack

Product Specification Sheet

SK105DZ – 12V Max Red Cross Line Laser



| | |
|-----------------------------|---------------|
| Diameter of laser point | 2.0mm |
| Range | 20m |
| Self leveling range | ±4° |
| Measuring tolerance | ±3mm at 10m |
| Continuous runtime | 4.0Ah = 40hrs |
| | 2.0Ah = 20hrs |
| | 1.5Ah = 15hrs |
| Overall length | 138mm |
| Skin weight | 0.46kg |
| Weight (with 4.0Ah battery) | 0.85kg |
| Voltage | 12V Max |

- **1 Horizontal and 1 vertical lines** – laser projects 1 horizontal line and 1 vertical line intersecting at 90 degrees
- **Red laser** – provides bright laser beam projection visible at a distance of up to 20 metres
- **XPT** – for use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced
- **2 mode brightness settings** – laser can be emitted in 2 different brightness settings, Eco and High brightness
- **3 mode line selection** – line beam can be emitted in 3 modes, horizontal only / vertical only and horizontal and vertical crossline
- **CXT** – powered by 12V Max batteries the laser has an extended continuous runtime of up to 84 hours on maximum power with a 4.0Ah battery and 32 hours with a 1.5Ah
- **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 $\pm 3\text{mm}$ 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

Our Range

| | SK312GD | SK209GD | SK105GD | SK105D |
|-----------------------------|---|---|---|---|
| |  |  |  |  |
| Diameter of laser point | 2.5mm @10m | 2.5mm @10m | 2.0mm | 2.0mm |
| Range | 35m | 35m | 35m | 25m |
| Self levelling range | 2° | 2° | ±4° | ±4° |
| Measuring tolerance | ±1 mm / 10 m | ±1 mm / 10 m | ±3mm at 10m | ±3mm at 10m |
| Operating temperature range | -10° - 40°C | -10° - 40°C | -10° - 50°C | -10° - 50°C |
| Continuous runtime | 4.0Ah - 28 hours | 4.0Ah - 40 hours | 20 / 10 / 7hrs (4Ah/2Ah/1.5Ah) | 40 / 20 / 15hrs (4Ah/2Ah/1.5Ah) |
| Overall length | 122mm | 122mm | 138mm | 138mm |
| Skin weight | 1.27kg | 1.27kg | 0.46kg | 0.46kg |
| Weight (with battery) | 1.6kg | 1.6kg | 0.85kg | 0.85kg |
| Power source | 12V MAX | 12V MAX | 12V Max | 12V Max |

Our Range








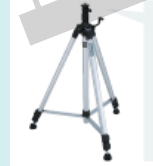
| | SK102Z | SK103PZ | SK104Z | SKR200Z |
|-----------------------------|---|---|---|---|
| |  |  |  |  |
| Diameter of laser point | 6mm @ 10m | 6mm @10m | 6mm @10m | 6mm @10m |
| Range | 10m | 15m | 15m | 200m diameter |
| Self levelling range | ± 4° | ± 4° | ± 4° | ± 6° |
| Measuring tolerance | ± 3.0mm/10m | ± 3.0mm/10m | ± 3.0mm/10m | ± 1.0mm/10m |
| Operating temperature range | 0°C - 40°C | -10° - 40°C | -10° - 40°C | -10° - 50°C |
| Overall length | 102mm | 117mm | 117mm | 197mm |
| Weight (with battery) | 0.32kg | 0.53kg | 0.53kg | 1.6kg |
| Power source | 3 x AAA | 4x AA | 4x AA | 2 x 1.5V |

Accessories

| Standard Accessories | | |
|---|------------|-------------------------------------|
|  | 832173-9 | Soft Bag |
|  | LE00870131 | Magnetic Wall Mount |
|  | LE00785638 | Laser Target Plate RED (SK105DZ) |
|  | LE00823195 | Laser Target Plate GREEN (SK105GDZ) |

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Accessories Cont.

| Optional accessories | | | | | |
|---|-----------------------------|---|---|--------------------------------|---------------------|
|  | 199178-5 (ETA – January) | USB Cable Set (To be used with ADP05 to power the laser) |  | LE00855702 (ETA – February) | Laser Receiver LDX1 |
|  | ADP05 | 18V USB adapter |  | LE00870137 (ETA- TBA) | Wall Mount Bracket |
|  | 199007-2 (ETA – TBA) | Hand Strap Set (Holds Battery/Adaptor when mounted to tripod) | | | |
|  | TK0LM1001F | Mini Tripod | | | |
|  | TK0LM4001F | Tripod 1800 | | | |
|  | TK0LM5030F | Tripod 2900 | | | |