



DG613/DG613G DialGrade Compact and Powerful



Key Features and Benefits

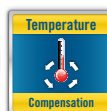
- New reduced length to make it easier to fit in pipes around tighter inverts
- Self levelling range of -12% to +40% over the entire grade range
- Cross axis compensation provides a quicker more accurate set-up as the laser does not have to be level in the pipe – place it in the pipe it levels, you work.
- Bright visible beam that works up to 500ft (150m)
- Remote Control RC803 works 430ft (130m) with radio for the laser installation above the trench and 500ft (150m) with infrared through the pipeline
- Large, bright, graphical user interface makes the screen easier to see and use when in or out of the pipe. Same graphical user interface can be seen on the remote – what you see on the laser you see on the remote.
- The DG613(G) has flexible power options that provide 40 (30) hours operating time (NiMH rechargeable batteries with worldwide charger). Alkaline batteries can be used directly in the laser without a separate battery pack. Additional car charger can be purchased to keep you working even when out in remote areas.
- The Spectra Precision DG613(G) has advanced functionality that makes setting up and using it easier and more accurate:
 - Line-Set/Check – allows the user to align the laser to the manhole quickly and easily to set direction. The beam will go up to 100% allowing easy alignment even in short trenches
 - Line Scan – provides a quick alignment to the centre of the target
 - Line Alert- notifies the user if the set-up is disturbed eliminating costly re-work from errors

Applications

- Installation of gravity flow sanitary pipelines
- Storm sewer pipelines
- Pipe jacking
- Tunnel boring
- Can be used in a pipe or in over the top set-ups

Part No.	Components	Power
DG613	DG613 Laser, 1248 trivet plate 8 inch (200mm), RC803 IR/Radio Remote Control, 956 target set	NiMH Recharge
DG613-5	DG613 Laser, 1248 trivet plate, 1230 large invert plate, 1239 vertical pole, RC803 IR/Radio Remote Control, 956 target set	NiMH Recharge
DG613-13	DG613 Laser – Over-the Top Package, 1248 trivet plate, 1263 precise scope, RC803 IR/Radio Remote Control, P25 power outlet charger, 2 x NiMH battery pack and 1 x charger	NiMH Recharge
DG613G	DG613G Laser, 1248 trivet plate 8 inch (200mm), RC803 IR/Radio Remote Control, 956G target set	NiMH Recharge

All part numbers include the pipe laser, Q104667 NiMH rechargeable battery pack, CH10 charger, and 5289-0036 carrying case unless otherwise noted



DG813 DialGrade

Small, Tough and Smart,
Perfection in a Pipe



SF803

RC803

Key Features and Benefits

- New reduced length to make it easier to fit in pipes around tighter inverts
- Self levelling range of -12% to +40% over the entire grade range
- Cross axis compensation provides a quicker more accurate set-up as the laser does not have to be level in the pipe – place it in the pipe it levels, you work.
- Bright visible beam that works up to 500ft (150m)
- Remote Control RC803 works 430ft (130m) with radio for the laser installation above the trench and 500ft (150m) with infrared through the pipeline
- Large, bright, graphical user interface makes the screen easier to see and use when in or out of the pipe. Same graphical user interface can be seen on the remote – what you see on the laser you see on the remote.
- The DG813 has flexible power options that provide 40 hours operating time (NiMH rechargeable batteries with Worldwide charger) and 50 hours (alkaline batteries). Alkaline batteries can be used directly in the laser without a separate battery pack. Additional car charger can be purchased to keep you working even when out in remote areas.
- The Spectra Precision DG813 has advanced functionality that makes setting up and using it easier and more accurate:
 - Line-Set/Check – allows the user to align the laser to the manhole quickly and easily to set direction. The beam will go up to 100% allowing easy alignment even in short trenches
 - Line Scan – provides a quick alignment to the centre of the target
 - Line Alert- notifies the user if the set-up is disturbed eliminating costly re-work from errors
- The SF803 SpotFinder, when used with DG813, provides other automatic functions making it the smartest pipe laser in the industry :
 - Spot Align – automatically aligns the DG813 to the centre of the SpotFinder in the pipe or to the direction of the manhole when used in a trench or “over-the-top” set up.
 - Spot Match – a great tool for checking that pipe has been installed to the correct grade or for finding the grade of existing pipe work. Can also be used to calculate the grade between manholes.
 - SpotLock – can be used to lock the beam in a desired position for applications such as solar farms where the beam could be subject to drift.
 - Spot Search – can be used to locate the beam over long distances out of the trench

Applications

- Installation of gravity flow sanitary pipelines
- Storm sewer pipelines
- Pipe jacking
- Tunnel boring



Part No.	Components	Power
DG813	DG813 Laser, 1248 trivet plate 8 inch (200mm), RC803 IR/Radio Remote Control, SF803 Spot Finder, P24 pole adapter & target plate, 956 target set, ST805 Transporter	NiMH Recharge
DG813-3	DG813 Laser, 1248 trivet plate, 1230 large invert plate, RC803 IR/Radio Remote Control, SF803 Spot Finder, P24 pole adapter & target plate, 956 target set, ST805 Transporter	NiMH Recharge
DG813-5	DG813 Laser, 1248 trivet plate, 1230 large invert plate, 1239 vertical pole, RC803 IR/Radio Remote Control, SF803 Spot Finder, P24 pole adapter & target plate, 956 target set, ST805 Transporter	NiMH Recharge
DG813-6	DG813 Laser, 1248 trivet plate, 1237 large invert plate (metric), 1239 vertical pole, RC803 IR/Radio Remote Control, SF803 Spot Finder, P24 pole adapter & target plate, 956 target set, ST805 Transporter	NiMH Recharge

All part numbers include the pipe laser, Q104667 NiMH rechargeable battery pack, CH10 charger, and 5289-0036 carrying case

