

# Leica RGR 300-D

## Digital Line Laser Receiver



- Clear mm or inch guidance
- Dual screens ensure an optimal view
- 1.2 m drop height durability and IP65 rating

- when it has to be **right**

**Leica**  
Geosystems

# Expand Your Vision, Enhance Your Efficiency



## Digital read-out in mm/inch

Clear guidance in millimetres or inches saves time and consistently ensures perfect accuracy.



## Illuminated back and front LCD display

Our dual-screen system offers the flexibility to select the most convenient perspective, ensuring that the laser beam remains completely unobstructed.



## Built-in magnets free your hands

The receiver's built-in magnets enhances productivity with quick and secure attachment to any metallic surface.

## Upgrade your Leica Lino Portfolio!

Leica RGR 300-D is designed for ultimate versatility, capable of working seamlessly with both red and green line lasers. This means you can use it with any laser in our product portfolio, ensuring you won't need to purchase additional equipment if you decide to upgrade or change your laser.

### Working range of up to 80 m

In large spaces, the Leica RGR 300-D minimises the need to reposition the laser by offering an extended laser range of up to 80 metres.



### Designed for rough construction sites!

The Leica RGR 300-D ensures reliable performance in harsh conditions. It can withstand a drop of 1.2 metres and features an IP65 rating for dust and water resistance.



### Leica RGR receiver family

The Leica RGR portfolio features the Leica RGR 300-D digital receiver alongside the Leica RGR 200 receiver, which provides acoustic guidance only.



# Technical data

| Technical data         | RGR 300-D                                                          |
|------------------------|--------------------------------------------------------------------|
| Working range*         | 2 m – 80 m (6.6 ft – 262 ft)                                       |
| Accuracy (switchable)  | ± 0.5 mm (± 0.02 in) / ± 2.0 mm (± 0.08 in) / ± 5.0 mm (± 0.19 in) |
| Detection window       | 85 mm (3.3 in)                                                     |
| Digital window range   | 60 mm (2.4 in)                                                     |
| Digital display range  | ± 25 mm (± 1 in)                                                   |
| Detection angle        | 45° @ 10 m (33 ft)                                                 |
| Detectable spectrum    | 635 ± 5 nm (red) / 525 ± 5 nm (green) class 2 acc. IEC 60825-1     |
| Illuminated display    | front and back                                                     |
| Acoustical signal      | 90 dB / 70 dB / 0 dB                                               |
| Protection class       | IP65 (IEC 60529) dust and jet water                                |
| Drop resistance        | 1.2 m (3.9 ft)                                                     |
| Battery type / life    | 2 x AA 1.5 V / 24 hours                                            |
| Low power alert        | digital display                                                    |
| Dimensions (L x W x H) | 158 x 73 x 26 mm (6.22 x 2.87 x 1.02 in)                           |
| Weight with batteries  | 265 g (0.58 lbs)                                                   |
| Automatic shut-off     | 30 min. without detection                                          |
| Operating temperature  | - 10 ... + 50 °C (+ 14 ... + 122 °F)                               |
| Storage temperature    | - 25 ... + 70 °C (-13 ... + 158 °F)                                |

\* depending on lighting conditions



**Leica RGR 300-D**  
Article No. 1017990



### Extended Warranty

Register your product within 8 weeks of purchase at [www.disto.com/warranty](http://www.disto.com/warranty) and benefit from our 3-year warranty.



in accordance with IEC 60825-1

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