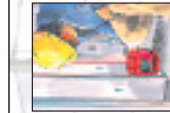


# in Surveying



## DUO PLUMB BEAM Pulse Self - Levelling Plumb Laser

The Datum DUO Plumb Beam Laser is a visible beam model featuring a 3 axis compensator for automatic levelling. The Laser has a range of 100m upward and 5m downward. The Laser beam is a 'bulls eye' type to enable easy location of the centre of the beam, and also has PULSE capability for use with an optional pulse Laser detector.

Supplied with Battery Pack, Alkaline Battery Housing Cover, Charger, Target and Protective Carry Case. Optional pulse beam detector available.

### Specifications

Laser Source Class: CLASS II  
 Plumming Laser Range: 100m  
 Downward: 5m  
 Electronic Self-Levelling  
 Upward: ±3"  
 Downward: ±10"  
 Accuracy  
 Upward: ±1.1(±0.3mm/1m)  
 Downward: ±15mm (vert. approx.)  
 Downward: ±6mm (vert. approx.)  
 Rechargeable Battery: 5x1.2v  
 Power Supply: 6 hours  
 Continuous working time  
 Weight: 1700mm(L)x170mm(W)x241mm(H)  
 2.5KG → (±50 °C)  
 Working Temperature

## DUO ACCESSORIES

Each unit comes complete with its own compact carrying case containing the specific laser's accessories.

Distributor

## DUO BASIC Horizontal & Plumb Beam Slope Facility

The Datum DUO BASIC Automatic Laser Level is a visible horizontal beam rotating Laser. Utilising a high quality 2 axis electronic sensor for fast automatic levelling, it offers an easy 1 button setup. The Laser also has Plumb and Spot beam facilities, as well as a scan mode for working in a defined area, and manual slope mode for grade matching operations.

Suitable for interior or exterior use, the Laser features an out of level warning indicator to show if the laser has been disturbed or knocked. Supplied complete with a Laser Detector, Clamp, Battery Pack, Alkaline Battery Housing Door, Wall mount and protective Carry Case.

### Specifications

Laser Diode: 635nm Class II  
 Operation Time: Up to 40hrs (Alkaline)  
 Working Distance: 200m  
 Rotation Speed: 0.5/200/420 rpm  
 Remote Range: 30m Max  
 Auto Level Range: +/- 5"  
 Slope (X Axis): +/- 10"  
 Accuracy: N/A  
 Horizontal: Vertical  
 Vertical: Zenith  
 Waterproof Rating: IPX6G  
 Spotting Mode (exc. Detector): Approx. 50m  
 Measuring Range (inc. Detector): Approx. 400m  
 Diameter

**All our Duo Lasers carry a five year Guarantee**

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# Precision & Accuracy you can depend on... time and time again

 	 	 
<p><b>DUO STANDARD</b> Horizontal &amp; Vertical Plumb Beam Slope Facility</p> <p>The Datum DUO STANDARD Automatic Laser Level is a visible horizontal and vertical beam rotating Laser. Utilising a high quality 2 axis electronic sensor for fast automatic levelling, it offers an easy 1 button setup. The Laser also has Plumb and Spot beam facilities, as well as a scan mode for working in a defined area, and manual slope mode for grade matching operations.</p> <p>The DUO STANDARD can be turned on its side to operate in vertical mode. Using the snap out foot to allow accurate centering of the laser above a point, it can then be set in vertical mode for alignment operations.</p> <p>Suitable for interior or exterior use, the Laser features an out of level warning indicator to show if the laser has been disturbed or knocked. Supplied complete with a Laser Detector, Clamp, Remote Control, Battery Pack, Alkaline Battery Housing Door, Wall mount, Magnetic Target and protective Carry Case.</p>	<p><b>DUO GREEN BEAM</b> Horizontal &amp; Vertical Plumb Beam Slope Facility</p> <p>The Datum DUO GREEN BEAM Automatic Laser Level is a visible green beam horizontal and vertical beam rotating Laser. Utilising a high quality 2 axis electronic sensor for fast automatic levelling, it offers an easy 1 button setup. The Laser also has Plumb and Spot beam facilities, as well as a scan mode for working in a defined area, and manual slope mode for grade matching operations.</p> <p>The DUO GREEN BEAM can be turned on its side to operate in vertical mode. Using the snap out foot to allow accurate centering of the laser above a point, it can then be set in vertical mode for alignment operations.</p> <p>Suitable for interior or exterior use, the Laser features an out of level warning indicator to show if the laser has been disturbed or knocked. Supplied complete with a Laser Detector, Clamp, Remote Control, Battery Pack, Alkaline Battery Housing Door, Wall mount, Magnetic Target and protective Carry Case.</p>	<p><b>DUO DUAL GRADE</b> Horizontal &amp; Vertical Plumb Beam Slope Facility</p> <p>The Datum DUO DUAL GRADE Laser uses a high quality 3 axis electronic compensator for accurate automatic levelling. It is a visible beam model and so can be used either internally or externally, with a Dual Grade range of <math>\pm 10\%</math> including an XY memory system to retain the grade settings after power off. An out of level warning system alerts the user if the Laser is disturbed or knocked.</p> <p>The DUO DUAL GRADE laser can be used on its side for vertical alignment operations suitable for both internal and exterior use.</p> <p>The DUO DUAL GRADE is supplied complete with Sighting Telescope, Remote Control, Detector, Clamp, Battery Pack, Alkaline Battery Housing Cover, Charger, Wall Mount, Magnetic Target and Protective Carry Case.</p>
<p><b>Specifications</b></p> <p>Laser Diode 635nm Class II</p> <p>Operation Time Up to 40hrs (Alkaline)</p> <p>Weight 2.5kg</p> <p>Rotation Speed 0/5/200/420 rpm</p> <p>Remote Range 30m Max</p> <p>Auto Level Range <math>\pm 10\%</math></p> <p>Grade Range <math>\pm 10\%</math></p> <p>Accuracy <math>\pm 10''</math></p> <p>Horizontal <math>\pm 10''</math></p> <p>Vertical <math>\pm 15''</math></p> <p>Waterproof Rating IPX66</p> <p>Spotting Mode (exc. Detector) Approx. 50m</p> <p>Measuring Range (inc. Detector) Approx. 400m</p> <p>Diameter 110mm</p>	<p><b>Specifications</b></p> <p>Laser Diode 532nm Class Ila</p> <p>Operation Time 1.8-2.5hrs</p> <p>Weight 2.5kg</p> <p>Rotation Speed 0/5/200/420 rpm</p> <p>Remote Range 30m Max</p> <p>Auto Level Range <math>\pm 5-7''</math></p> <p>Slope (X Axis) <math>\pm 5-7''</math></p> <p>Accuracy <math>\pm 10''</math></p> <p>Horizontal <math>\pm 10''</math></p> <p>Vertical <math>\pm 20''</math></p> <p>Waterproof Rating IPX66</p> <p>Spotting Mode (exc. Detector) Approx. 50m</p>	<p><b>Specifications</b></p> <p>Laser Diode 635nm Class II</p> <p>Operation Time Up to 40hrs (Alkaline)</p> <p>Weight 2.5kg</p> <p>Rotation Speed 0/5/200/420 rpm</p> <p>Remote Range 30m Max</p> <p>Auto Level Range <math>\pm 5-7''</math></p> <p>Slope (X Axis) <math>\pm 5-7''</math></p> <p>Accuracy <math>\pm 10''</math></p> <p>Horizontal <math>\pm 10''</math></p> <p>Vertical <math>\pm 20''</math></p> <p>Waterproof Rating IPX66</p> <p>Spotting Mode (exc. Detector) Approx. 50m</p> <p>Measuring Range (inc. Detector) Approx. 400m</p> <p>Diameter 110mm</p>