RUGBY™ 200 *Horizontal and Vertical Laser*

Tough, Inside and Out

LASER ALIGNMENT
by Leica Geosystems

Leica Geosystems

RUGBY™ *Keeps You in the Game*

Work confidently with the RUGBY™ 200 Laser from Leica Geosystems – Horizontal and vertical self-leveling, highly accurate with 90° split-beam, adjustable head speeds, scan mode and full function remote control.

The RUGBY 200 is the new Leica branded laser built from the combined heritage and expertise of Laser Alignment and Leica Geosystems. Like the RUGBY 100 series laser, the RUGBY 200 is a new breed of laser that sets the industry standard for durability and value. Rugged and reliable, the Rugby 200's ergonomic, structural, and performance features add up to the **best interior and exterior construction laser** in the market today.

The RUGBY 200 is a horizontal and vertical self-leveling laser for interior and general construction jobs of any size, large or small. Use it many different ways, including:

- **Installing ceiling grids**
- **Installing and laying out walls**
- **Installing raised access floors**
- **Transferring points from floor to ceiling**
- **Setting window supports**
- **Exterior site preparation**
- **Checking grade**
- **Concrete forming, pad placement**
- **Setting foundations and footings**

Why RUGBY is the toughest player on the field

- Waterproof and dustproof to work reliably in all weather and job site conditions
- Housing is made of high impact Toplex™ PC/ABS with a Multi-Flex® TEA overmolding
- Wide, stable aluminum base for maximum strength and stability
- The head is completely enclosed to protect the crucial interior parts
- Rugged, high-impact carrying case included
- 24 month exclusive knockdown warranty

Toplex™ and Multi-Flex® are registered trademarks of their respective companies.

Leica Geosystems's warranty offers complete coverage of the internal self-leveling system no matter what. Should any accident or knockdown occur, all repairs to the internal assembly will be done at no charge.

Lay-down Attachment

Removable laydown foot provides a solid, three-point support for stability without any external hardware.

Beam-down Positioning

Set-up over a control point on the floor is a snap. A simple button push rotates and positions the laser beam straight down for quick positioning over a control point.

Special Applications

Rugby 200 with mounting bracket used on a batter board

Rugby 200 with Rod-Eye Pro in a lay-down position

Typical general construction package consists of:

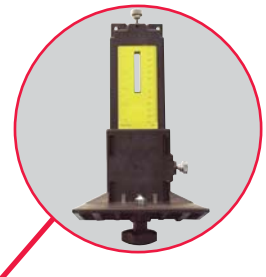
- Standard carrying case
- Rugby 100LR laser
- Rod-Eye Pro Sensor with bracket
- Full-function remote control
- NiMH battery pack
- NiMH battery charger

Full featured professional package consists of:

- Deluxe carrying case with foam inserts
- **Laser with wall mount bracket attached for fast set-ups**
- Ceiling grid targets (2)
- Full-function remote control
- Rechargeable NiMH battery pack and charger
- Safety glasses

Easy to Learn. Easy to Use. The professional's choice for fast, reliable and accurate laser leveling, indoors or outdoors.

- The keypad is easy to understand with the features clearly indicated
- Self-leveling accuracy of ± 1/16" at 100 feet (±1.5 mm @ 30 m)
- H.I. elevation alert
- Automatic/manual modes with manual grade
- Enclosed and protected rotating head with selectable head speeds and scan mode
- Infrared remote control compatible
- Bright, highly visible beam.
- Available with the rechargeable NiMH battery pack or alkaline battery pack.
- Waterproof to IPX-6 standard



Wall mount bracket fits easily into the deluxe carrying case

Specifications

Working Range	Up to 1000 feet (300 m) with sensor
Self-leveling Accuracy	± 1/16" @ 100 feet (± 1.5 mm @30 m)*
Self-leveling Range	± 5°
Rotating Speeds	0, 1, 2, 5,10 rps
Scan Modes	10°, 45°, 90°, 180°
Battery Types	Alkaline / NiMH options
Battery Life	50 hours with alkaline batteries, 30 hours with rechargeable NiMH batteries**
Laser Diode	635 nm visible laser diode
Laser Class	Class 2 FDA / Class 2 IEC
Dimensions (Height x Width x Depth)	7.8 x 9.8 x 6.9 inches (197 x 248 x 175 mm)
Operating Temperature	-4°F to +122°F (-20°C to +50°C)
Weight	6.5 lb (2.95 kg) w/batteries
Environmental	Waterproof to IPX-6 standard

Remote Specifications

Signal Type	Infra Red (IR)
Range	Up to 130 feet (40 m)
Battery Operation (3V Lithium)	5 Years Nominal

* From 23°F to 95°F (-5°C to 35°C). Accuracy is derated outside this range
** Battery life is dependant upon environmental conditions
Specifications are subject to change without notice

RUGBY™ 200... *Tough, Inside and Out*

Leica Geosystems

Integrated Solutions for the Construction Industry that are Rugged, Reliable and offer Exceptional Customer Value

The Leica Geosystems Construction Business Segment has been strategically built to focus on the needs of the customer. Leica Geosystems is a pioneer of the survey world. Our history goes back 80 years and is marked by numerous developments that have shaped the course taken by surveying, photogrammetry and GPS. Renowned names such as Kern Aarau, Wild Heerbrugg and more recently Laser Alignment are among the companies that have become part of what is today Leica Geosystems. Combined, these companies have played a major role in shaping the vision of our organization, deepening our knowledge of customer needs and providing market-leading product technologies and solutions. Leica Geosystems' distribution companies and representatives provide you with support in 128 countries. Leica Geosystems – Global resources serving each customer individually.

The Leica Geosystems Construction Segment Family of Products

Construction lasers – Whether it's general construction, pipe laying, machine control, or interior walls and ceilings, our lasers are built to handle any environment.

Automatic levels – Professional optical levels are built for the construction site. They are quickly set up, very precise, and top every comparison of price to performance ratios.

Leader in GPS and TPS technology – Used worldwide in projects that demand the highest standards, designed for various applications and ease-of-use. We developed the first reflectorless total stations in 1998, and our experience with GPS dates back to 1967.

Conventional and 3D Machine Control Systems – Boost productivity, increase accuracy, and reduce operator fatigue by converting heavy equipment to laser, sonic, GPS and TPS guided control. We have applications for excavating, mining, grading, agriculture, and precision paving.

DIGI™ System – The location system provides a fast and safe solution for tracing buried utility services.

Software and accessories – Integrated software solutions and a complete series of tripods, staffs, our patented 360° prisms, batteries, chargers, and everything you need to extract the best performance from your instrument.

Your Dealer:

Leica Geosystems GR LLC is an ISO 9001 Registered Company.

Laser class 2 in accordance With IEC 825-1 and EN 60825-1 Laser class II in accordance with FDA 21CFR CH.1 § 1040

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