

Leica Rugby 200
Universal Construction Laser
Tough Inside and Out



- when it has to be **right**

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 made from co-molded rubber and high-impact plastic
- 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

Lay-down Attachment

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

Leica Geosystems' 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.

Special Applications



Rugby 200 with mounting bracket



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



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.



Recommended general construction package consists of:

- Standard carrying case
- Rugby 200 laser
- Rod-Eye Pro Sensor with bracket
- NiMH battery pack
- NiMH battery charger

Full featured professional package consists of:

- Rugby 200
- Interior carrying case with foam inserts
- Wall mount bracket
- Ceiling grid targets (2)
- Full-function IR remote control
- Rechargeable NiMH battery pack and charger

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 $\pm 1/16''$ at 100 feet ($\pm 1.5 \text{ mm @ } 30 \text{ m}$)
- 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



Specifications

Working Range	Up to 1000 feet (300 m) with sensor
Self-leveling Accuracy	$\pm 1/16'' @ 100 \text{ feet } (\pm 1.5 \text{ mm @ } 30 \text{ m})^*$
Self-leveling Range	$\pm 5^\circ$
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
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

Infrared Remote Specifications

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

Leica Rugby 200... Tough, Inside and Out

Whether you have to precisely layout a construction site, perform control measurements, collect height and angle data, align concrete forms, install ceilings and partitions, lay gravity flow pipe, locate underground services or complete site preparation and earthworks – Leica Geosystems offers the right instrument, construction laser or machine control installation specifically designed for your construction application.

Easy-to-use, jobsite tough, accurate and reliable – Leica Geosystems instruments and lasers ensure the efficient use of your materials and resources. High quality products, such as optical and electronic levels, construction lasers, total stations and machine automation systems, provide fast results, keep you working and increase your profitability.

When it has to be right.



**Total Quality Management –
Our commitment to total
customer satisfaction**

Ask your local Leica Geosystems dealer for more information about our TQM program.

Art. no. 746718
Model no. 255-
Laser class 3R in accordance
with IEC60625-1 resp. EN60825-1

Art. no. 737484
Model no. 250-
Laser class IIIa in accordance
with FDA 21CFR CH.1 § 1040



Art. no. 732001
Model no. 200-
Laser class 2 in accordance
with IEC 60825-1 resp. EN 60825-1
Laser class II in accordance
with FDA 21CFR CH.1 § 1040



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