

Leica Rugby 50 The one-button construction laser



SITE PROOF
by Leica Geosystems

- when it has to be **right**

Leica
Geosystems

Leica Rugby 50

The one-button construction laser

Simple, one-button operation, fully automatic, general construction laser.

Following in tradition of the Rugby family ... Rugged, reliable, accurate. The Leica Rugby 50 is the affordable "little brother" of the popular Leica Rugby 100. The Rugby 50 provides value where ever it is used.

Work gets done faster and more accurately, providing savings in labor, time and materials. As a contractor, you know the values of lasers. Built to Leica Geosystems' tough standards, you can trust the Leica Rugby 50 to provide you with the right tool to get the job done.



Simple, one-button operation - the Leica Rugby 50 has the features needed to get the job done



Always automatic Always self-leveling

The Leica Rugby 50 is designed to always turn on in automatic self-leveling mode. No concerns for setting up the laser incorrectly. Set up the Leica Rugby 50 within its wide leveling range, the instrument will automatically self-level and work can begin.



H.I. (Elevation) Alert

The H.I. or Elevation Alert function monitors the leveling of the Leica Rugby 50. Any significant disturbance or movement of the tripod will cause the alert function to activate. The Leica Rugby 50 will stop operation and will sound an alarm to prevent possible errors.



Out of Level Indication

During normal operation, the Leica Rugby 50 continuously self-levels. Small vibrations and disturbances may cause an out of level condition. The head will stop momentarily and the emission LED will blink until the unit re-levels and work can resume.



Footings and Foundations

Getting your footings level is the most important step in any building process. Get it right the first time with the Leica Rugby 50.



Depth Control of Sub-base

Working together with the Leica MC200 Depthmaster receiver, the Leica Rugby 50 will provide a consistent reference to check the depth of cut.



Leveling Forms

Leveling forms and checking elevations are two important jobs that the Leica Rugby 50 can do reliably and accurately.

Built for today's contractor

- Simple, one-button operation
- High impact composite housing
- Fully sealed with enclosed head
- Watertight for all conditions
- Long battery life
- H.I. (Elevation) Alert protection
- Low battery indicator
- Optional alkaline or NiMH batteries

**Concrete forming – Pad placement – Setting foundations
Footings – Depth control for excavations – Basements
Checking elevations – Machine Automation**

Leica Rugby 50 Specifications	
Operating Range	300 m (1000 ft) Diameter
Self-leveling Accuracy*	±2.6 mm at 30 m (±3/32" at 100 ft)
Self-leveling Range	±5°
Rotating Speeds	10 rps (600 rpm)
Laser Diode (type)	780 nm (infrared)
Dimensions (HWD)	158 x 163 x 166 mm (6.2 x 6.4 x 6.5")
Weight with Batteries	1.85 kg (4.0 lbs)
Battery Type	Two D-cells or NiMH pack
Battery Life**	Alkaline: 60 hours NiMH: 35 hours
Operating Temperature	-20 to +50° C (-4° F to +122° F)
Storage Temperature	-40 to +70° C (-40° F to +158° F)
Dust / water (IEC60529)	IP55

The Leica Rugby 50 Package

A recommended package consists of the Leica Rugby 50, Carrying Case, Rod-Eye Receiver and either Alkaline or rechargeable NiMH Battery Pack.



* Accuracy is defined at 25° C

** Battery life is dependent upon environmental conditions. Specifications are subject to change without notice.

The Leica Rugby 50 – Ready to work when you are!

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.

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Total Quality Management – our commitment to total customer satisfaction.

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

R50 (Art. No.:753672):
 Laser class 1 in accordance with IEC 60825-1 and EN 60825-1



Leica Rugby 55
 The multipurpose construction laser



Leica Rugby 100
 The tough construction laser



Leica Rugby 100LR
 The long range construction laser



Rugby 300SG/400DG
 Single and dual grade construction lasers