

Leica Rugby 260SG, 270SG, 280DG

Keeps you working



SITE PROOF
by Leica Geosystems

- when it has to be **right**

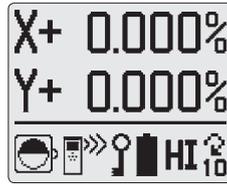
Leica
Geosystems

Leica Rugby To build a Powerful Team

Easy to Use

User Friendly

The large, backlit, graphic display provides the user with a simple to use and easy to understand interface. (Leica Rugby 280DG shown)



Easy Grade Entry

Select the axis, then press Up or Down to enter the required grade. Press Star button to enter higher grades by digit.



Beam Masking

Turns off the laser diode on up to three sides to prevent unwanted disturbances



Full Function Remote Control

The Leica Rugby 280DG is available with a remote to change all functions up to 100 m (330 ft)



Lock Mode

Grade changes can be locked in the menu to prevent unwanted changes



Battery Status

The battery status is always shown for the user's reference to keep you working



Height of Instrument

The Rugby monitors level and alerts the user if it has moved or has been bumped



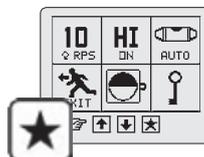
Selectable Head Speeds

Head speed or scan mode (Rugby 280DG) are easily set to match your needs



Easy to use menu

Press the Star button to open the menu and change settings



Three Great Leica



Leica Rugby 260SG A highly accurate, grade capability.

The Rugby 260SG is a rugged general construction grade readout and semi-automatic grade

Leica Rugby 270SG A fully automatic,

The Rugby 270SG is a fully automatic, single station contractor that needs a level or single septic installation, trenching and more.

Leica Rugby 280DG A fully automatic, vertical and dual beam interior applications



The Rugby 280DG is a fully automatic, dual beam, plumb beam, scan mode, leveling, plus dual beam mode with a two-way remote control in any construction

Lasers!

Make the Right Choice

The Leica Rugby 260SG, 270SG and 280DG offer the contractor a real choice of features and functionality.

Upgrade Your Toolbox

Choose the grade laser that is right for your job and budget.



general construction laser with single

construction laser with great accuracy, LCD with bump alert.

single grade laser.

single grade laser for the general construction slope for flat work, site preparation,

DG Multipurpose Plus – A horizontal, grade laser for any exterior or

ion. is a multipurpose laser “Plus” with fully grade capability. It has a bright red beam, in mode, horizontal and vertical self-grade up to 15% in both axes. Available remote control, the Rugby 280DG fits well in plan.

90° Plumb beam			Rugby 280DG
Vertical operation			Rugby 280DG
RF remote control			Rugby 280DG
Dual grade to ± 15%			Rugby 280DG
Single grade to ± 15%			Rugby 270SG
Fully automated grade control			Rugby 270SG
Single grade to ± 10% (semi-automatic)		Rugby 260SG	Rugby 270SG
Beam masking		Rugby 260SG	Rugby 270SG
Bright, visible beam		Rugby 260SG	Rugby 270SG
Large, intuitive, graphic display		Rugby 260SG	Rugby 270SG
Simple, five-button operation		Rugby 260SG	Rugby 270SG



Single and Dual Grade 350 m (1,150 ft) Radius Customer Identification

Rugby Features	Rugby 260SG	Rugby 270SG	Rugby 280DG
Operating Radius	300 m (1,000 ft)*	350 m (1,150 ft)*	350 m (1,150 ft)*
Grade Capability	Single axis ±10%	Single axis ±15%	Dual axis ±15%
Rotating Speeds	10	5, 10	0, 2, 5, 10
Scanning Modes	-	-	10, 45, 90°
RF Remote Control	-	-	100 m (330 ft)
Self-Leveling Accuracy	1.5 mm per 30 m (1/16" per 100 ft.)**		
Grade Accuracy	3.0 mm per 30 m (1/8" per 100 ft.)		
Self-Leveling Radius	±5°		
Laser Diode	635 nm		
Size (H x W x D)	197 x 248 x 175 mm (7.8 x 9.8 x 6.9 in)		
Weight	2.95 kg (6.5 lb) with batteries		
Operating Temperature	-20 °C to +50 °C (-4 °F to +122 °F)		
Battery type	Alkaline or rechargeable NiMH		
Battery Life	70 hours alkaline, 40 hours rechargeable***		
Environmental	IP67		
Warranty	Two year with knockdown warranty/additional three years on request****		

* Operating range is receiver dependent

** Accuracy is defined at 25°C

*** Battery life is dependent on environmental conditions

**** For terms and conditions please refer to your sales representative

Flexible, Reliable, Accurate

Proven performance, the Rugby family of lasers are perfect for virtually any application.



Concrete Pours



Forms and Footings



Excavations



Site Preparation

The **Leica Rod Eye** Family of Receivers

Ask your dealer about the right receiver for your job.



Leica Rod Eye Digital
Leica Rod Eye Plus
Leica Rod Eye Basic

Available July 2009

Quality that Counts

Why do we call our laser a Leica Rugby?

Like the game of Rugby, if you want to play, you have to be tough.

Known for years as the best quality in surveying instruments, the Leica Geosystems name stands for the highest level of quality, reliability and durability. The Leica Geosystems standard is built in to every Leica Rugby we produce.



The Leica Rugby has a high impact, glass filled housing, a solid metal base and it is 100% waterproof; which makes the Rugby the toughest and most durable laser in the industry.

The Leica Rugby laser has created a new standard in laser technology. A standard that others can only strive to match, but cannot compare.



Known not only for great products, the Leica Geosystems worldwide service organization is fully trained and authorized by the factory.

The quality of Leica Geosystems is backed by a full two-year warranty with knockdown protection. A five year program is available from your dealer when you buy your laser.



 **Swiss Technology**
by Leica Geosystems

*For terms and conditions please refer to your sales representative.



Typical Rugby 280 DG Package:

Leica Rugby and Carrying Case,
Leica Rod Eye Receiver,
NiMH Battery Pack and Charger
RF Remote Control



Whether you have to precisely lay out 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.

Leica Rugby 260SG and 270SG
 Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1

Leica Rugby 280DG
 Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1



Leica Rugby 50
 The one-button construction laser



Leica Rugby 100
 The tough construction laser



Leica Rugby 320 SG & 410/420 DG
 Single and dual grade construction laser



Leica Builder
 The theodolite built for builder



Leica Piper 100/200
 The world's most versatile pipe laser