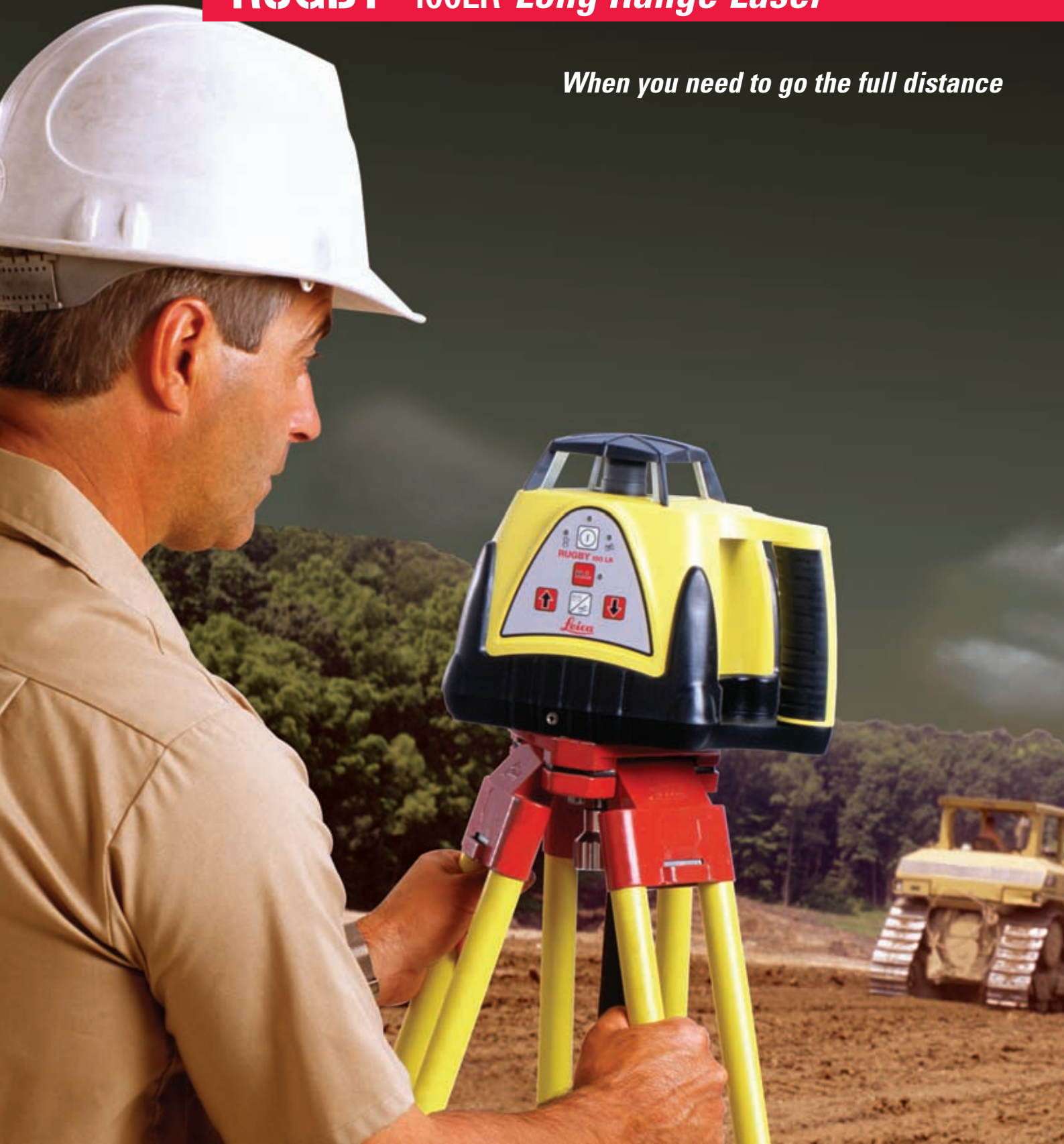


RUGBY™ 100LR *Long Range Laser*

When you need to go the full distance



Leica
Geosystems

RUGBY™ *Keeps You in the Game*



Work confidently with the RUGBY™ 100LR from Leica Geosystems – Self Leveling, Long Range, Highly Accurate with H.I. (elevation) Alert and the innovative Cross-axis Compensation feature

The RUGBY 100LR is the first Leica branded laser built from the combined heritage and expertise of Laser Alignment and Leica Geosystems. Like the RUGBY 100, it is a new breed of laser built to be the industry leader. It is rugged, reliable, and is the best value-for-money general construction laser.



The RUGBY 100LR is an automatic self-leveling general construction laser for exterior jobs of any size, large or small. You can use it for:

- **Checking grade**
- **Precise depth control for sub base and fine grade excavation**
- **Concrete forming, pad placement**
- **Setting foundations and footings**
- **Machine control for excavators with the DEPTHMASTER 200, on a dozer or motor grader with the machine control CAB Sensor.**



Why RUGBY is the toughest player on the field

- Waterproof and dust proof 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 enclosed to protect the crucial interior parts
- Rugged, high-impact carrying case included
- 24 month warranty

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

Manual Grade with Cross-Axis Compensation

When activated, the cross-axis compensation automatically maintains the level position of the cross axis when manual grade is used in the main axis. Particularly useful for building driveways, septic lines, and other jobs that require a fast, easy way to put in slope.





Typical package consists of laser, carrying case, ROD-EYE Pro sensor and optional NiMH charger and battery pack

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

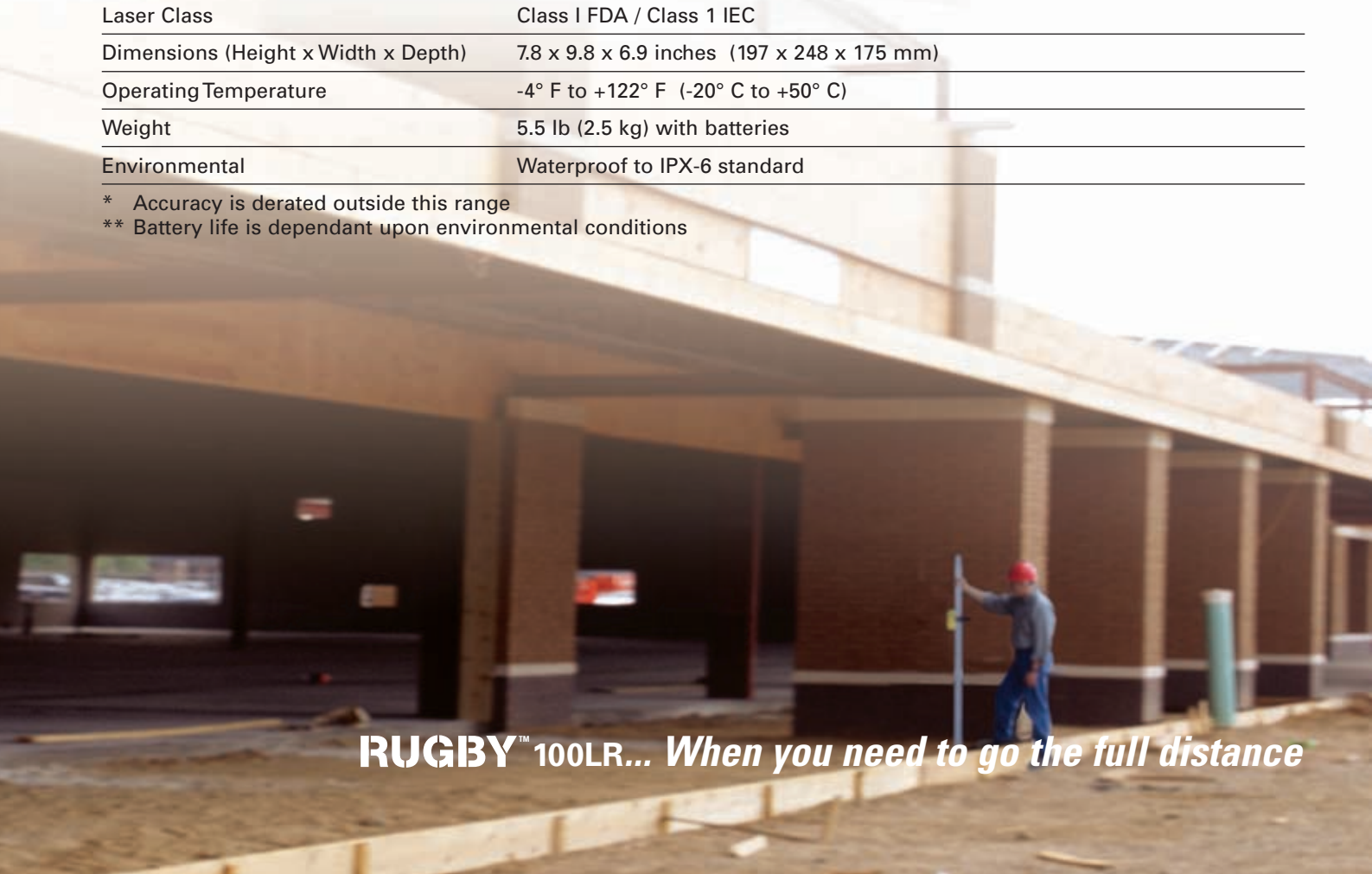
- The keypad is easy to understand with the features clearly indicated
- Accuracy of $\pm 1/16''$ @ 100 feet (± 1.5 mm @ 30 m)
- Working range diameter of up to 2,500 ft (750 m) for long distance and machine control applications
- Ideally suited to work with the Rod-Eye Pro detector, which is extremely rugged and industry-proven
- H.I. (elevation) Alert indication prevents errors due to sudden shifting or movements of the tripod
- Out of level and low battery indicator lights
- Class I Infrared (IR) beam is rated the safest class laser
- Available with the optional rechargeable NiMH battery pack

Specifications

Working Range	2,500 feet (750 m) diameter
Self-leveling Accuracy	$\pm 1/16''$ @ 100' (± 1.5 mm @ 30 m) from 23° F to 95° F (-5° C to +35° C)*
Self-leveling Range	$\pm 5^\circ$
Manual Grade	Up to 10%
Rotating Speeds	5, 10 rps
Battery Types	Alkaline / NiMH options
Battery life	Typically 60 hours with alkaline batteries, 35 hours with rechargeable batteries**
Laser Diode	Infrared (IR) 780 nm invisible
Laser Class	Class I FDA / Class 1 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	5.5 lb (2.5 kg) with batteries
Environmental	Waterproof to IPX-6 standard

* Accuracy is derated outside this range

** Battery life is dependant upon environmental conditions



RUGBY™ 100LR... When you need to go the full distance

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.



1D 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 1 in accordance
with IEC 60825-1 and EN 60825-1
Laser class I in accordance
with FDA 21CFR CH.1 § 1040

Leica
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