

Characteristics	Measuring systems Type: Carrier wave:	System analy Coaxial, visibl 658 nmr wav		MHZ - 150 MH	
Distance m		Laser dot size,	approximately	[mm]	
at 20		10 × 12			
Telescope					
Туре	Built	Builder 100		Builder 200 or higher	
Magnification		30 x		30 x	
	oter 40	40 mm		40 mm	
	1.6m/5.2	ft to infinity	1.7m/5.6	ft to infinity	
	1"21"/	1'21'/1.50 gon		1°30'/1.66 gon	
	2.4m	2.4m at 100 m		2.6 m at 100 m	
Compensator					
Туре	Setting accuracy		Setting range		
		[mgon]	["]	[mgon]	
All Builder models	2	0.7	4	0.07	

	Electronic level resolution	6" (+20)	
Control Unit	Display: Keyboard: Angle Display: Distance Display: Position:	280 x 160 pixels, monochrome, graphics capable LCD, illumination 7 keys / 20 keys (only Builder 400 and 500) 360 '', 360 decimal, 400 gon, 640 mil, V % m, H, int. ft. vs., ft nch 174 (except Builder 100) in One Face and Face 2 is optional	
Instrument Por	ts, Builder 200 or Higher		
Name		Description	
	5 pm LGMG-0 for por		



	5 ain LENG 0 for power, communication, data transfer, This poort is located at the base of the instrument	
JSB Device port	Cable connections from USB device for communication and data transfer jonly for Builder 300 or highes (

















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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TQM

Total Quality Management -our commitment to total customer satisfaction. Ask your local Leica Geosystems dealer for more information about our TQM program.

Laser plummet: Laser class 2 in accordance with IEC 60825-1

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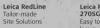
Leica Geosystems AG Heerbrugg, Switzerland

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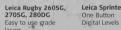
resp. EN 60825-1 Distance meter: (PinPoint 200/300/400/500) Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1













The world's most versatile pipe laser



Leica DIGISYSTEM™ Safe and fast location of underground



when it has to be right

Leica Total Station

Builder Series





Swiss Technology

(Setup, Height Transfer, Layout,

As Built, Angle & Distance, Tie

Measure & Descriptor , Parallel

(8)

Distance, Area & Volumes,

Lines, Hidden Point, COGO, Layout Line/Arc/Spiral, Stockpile

Volumes)**

Builder Programmes:

Still using a measuring tape or an optical theodolite? Do you need a tool that fulfils all measuring tasks on your construction site with ease, regardless of your profession? The Leica Builder does it all for you – trouble-free, accurately and much quicker. Simply discover the Leica Builder for your task.

The unique Builder setup method boosts your daily workflow.



CONFIG)TRANSIT PROG ESTABLISH CONTROL LINE Over 1st Point... Anvuhere... OK

the point(s)



and follow display to set out or record

Optional external data collection Connect the optional Leica DX-10 data collector to use with other standard

software programs.

1. Batter Boards

Builder does it all: Setting out boards, transfer alignments to / from boards or simply storing all board data in the

Your benefits:

- Precise transfer directly from plans to the jobsite
- No tapes, strings, or plumbing-up required
- Re-setting damaged / missing boards take minutes

2. Line Layout

Columns, formwork, greenhouses, racking, fencing lines, structures or terraces, Builder takes reference lines, alignment and curves in its stride.

Your benefits:

- Simple alignment of structures along the lines
- Easy transfer of line and offset values from the plan
- Straightforward layout in inclined

How much yd3 did you really move today? Cutting to formation, mass haul, cut / fills, stockpile monitoring keep right on top of your earthworks

Your benefits:

progress with Builder.

- No more rough-guessing of truckloads
- Fast and accurate volume determination Digital readout provides precise, easy
- to read data

4. Checks

Is that formwork vertical? Sufficient clearance between crane and roof? Are those walls parallel? Is the drainage at the right grade? Are this true 90°?

Your benefits:

- Checks on site, precise and immediate
- Measure to non-accessible
- Hardly possible with plumb bob and

5. As-Built

Carpenters, landscapers, stage builders, architects, utilities companies, steel and façade constructors - all use Builder to record as-builts quickly and accurately.

Your benefits:

- Stores "as built" data for client records, e.g. for future reconstruction
- Data storage in the Builder or externally ■ Facts immediately on the spot ■ 1-person mode via reflectorless
- Easy integration in the CAD planning measuring saves cost and time ■ Simple capturing of inclined surfaces

7. Height Transfer Transfer of reference heights, define datum lines, marking ground floor elevations. checking remote heights - also vertically the Builder is powerful.

Your benefits:

■ Height transfer in one work step

How many roof tiles? Want to

asphalt to order for the parking

■ Ideal for tender preparation for

lot? Will those windows fit? Builder has

be doubly-sure how much

the answer in ft².

Your benefits:

surfaces of all kind

■ Height differences are no problem Only 1 person required





Leica Laser Technology

Excellent signal strength and pinpoint accuracy, where you need it most.

Your benefits:

- "Know what's being measured"
- Precise measurement to corners and edges too

Data exchange via USB Stick or Bluetooth

Your benefits:

- Handy removable data storage
- Cable-free and fast connection
- New plan loadable simply on site

CONFIG THEO PROG DATA Area & Volumes



PowerSite Software



APPL OK SETUP

Professionals praise the Builder's on-board programs designed to be the

right tool for every job. Your benefits:

- A solution for every application
- Amazing ease of use
- Versatile and fast to learn

Simple, clear & intuitive Graphical

Interface and best-in-class display technology

Your benefits:

- Graphical assistance thanks to spacious
- Class-leading visibility, in all light
- Graphic supports daily work flow



Setup with Control Line or coordinates Existing axis form the reference line for the Builder.

Your benefits:

Same procedure as known from working with the tape



Multilingual support the world is getting smaller, Builder is

prepared.

Your benefits:

- Switch between 3 languages of your choice "
- No errors due to linguistic misunder-

