

## ORDERING INFORMATION

Set	PT	Item No.
<b>PROTON H</b>	Transport protection bag	71017401
<b>PROTON S</b>	Transport protection bag	71017501

## TECHNICAL DATA

Rotation laser PROTON	
Application range	r = 20 m*
Max. Measurement tolerance	± 0.1 mm/m
Levelling range (typical)	± 5°
Levelling time (maximum)	≤ 30 s
Laser class	2, DIN EN 60825-1 : 2007-10
Wavelength	650 nm
Tripod adapter	5/8"
Protection class	IP66
Operating temperature	-5°C to +50°C
Dimension	200 x 196 x 230 mm

Receiver REC RRD0 (PROTON S-Set)	
Application range	r = 500 m*
Average Measurement tolerance	Fine 1 mm / rough 5 mm
Thread for clamp	1/4"
Weight without battery	305 g
Protection class	IP67
Dimension (without clamp)	168 x 76 x 36 mm

Receiver REC RR00 (PROTON H-Set)	
Application range	r = 350 m*
Average Measurement tolerance	3 mm
Clamp	with spring lock
Weight without battery	165 g
Dimension (without clamp)	120 x 65 x 23 mm

Remote control PN RC (PROTON S-Set)	
Application range	r = 7 – 10 m*
Weight without battery	72 g
Dimension	120 x 65 x 23 mm

\*depending on the environmental conditions at the workplace.

SOLA-Messwerkzeuge GmbH  
Unteres Tobel 25, A-6840 Götzis, AUSTRIA  
Phone +43 (0)5523 53380-0  
Fax +43 (0)5523 53385  
E-mail: sola@sola.at  
www.sola.at

Ing. Guido Scheyer  
SOLA-Meßwerkzeuge GmbH & Co.  
Wannental 50, D-88131 Lindau, GERMANY  
Phone + 49 (0) 8382 28585  
Fax +49 (0)8382 977002  
E-mail: sola@sola.de  
www.sola.de

SOLA Suisse AG  
Grenzstrasse 24, CH-9430 St. Margrethen, SWITZERLAND  
Phone + 41 (0) 71 740 1616  
Fax +41 (0)71 740 1818  
E-mail: info@solasuisse.ch  
www.solasuisse.ch

DACHCOM



EN 99040502 | 09/2014 | 1200 | SOLA-Measuring tools | Changes, Typing and printing errors reserved.

## ACCESSORIES



Important for inclination applications

**Remote control PN RC** Item No. 71112301



**Receiver REC RRD0** Item No. 71111701



**Receiver REC RR00** Item No. 71111601



**SOLA Li-Ion battery set** Item No. 71113901

**BA Battery adapter** Item No. 71115601

**TST Telescopic tripod** Item No. 71121501

**NK1 Inclination adapter** Item No. 71128501

**LB Laser goggles red** Item No. 71124501

**ZS Target red** Item No. 71126401

**CC Car adapter** Item No. 71110901

**FWH** Item No. 71123801

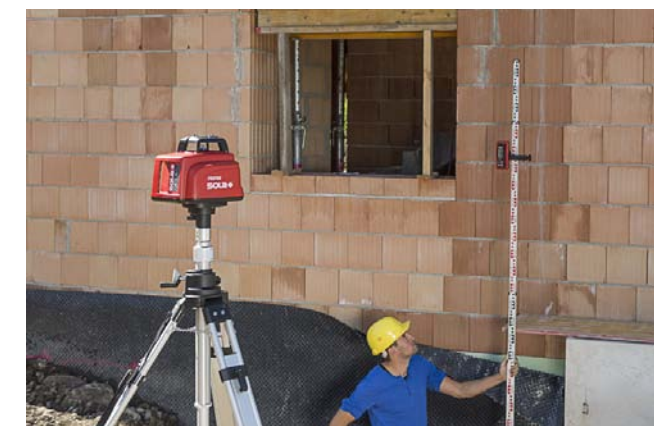
**ML 5** Item No. 71130501

## SOLA PROTON

DEVELOPED BY PROFESSIONALS  
FOR PROFESSIONALS

Through the collaboration with professionals we have come to realize: A horizontal rotation laser must be precise, and make the daily work routine easier through a greatly simplified handling and a suitability for a broad range of applications. This is precisely what we focused on during the development of the PROTON.

The intelligent operating concept makes the PROTON extremely economical: the inclination features are only accessible via the remote control. To carry out any kind of horizontal levelling task, the unit can also be safely operated by less experienced staff without a remote control. This will enable an even more intensive utilization of the device.



**PROTON**  
**HORIZONTAL**  
**ROTATION LASER WITH**  
**AN INCLINATION ADJUSTMENT**  
SAFE AND EASY TO USE. RUGGED.

**WE DEVELOP TOGETHER**  
**WITH PROFESSIONALS**  
**FOR PROFESSIONALS.**

## PROTON HORIZONTAL ROTATION LASER

SAFE. EASY. RUGGED.

The new SOLA PROTON horizontal rotation laser is extremely economical through its suitability for a wide range of applications. With a single model you can perform horizontal and inclination measurements. An investment that will surely pay off.



### Easy to use.

With a push of a button, the laser line will become visible and level itself. Now, no changes can be made to the device anymore. Incorrect operations are prevented reliably.



### Safe.

The vibration monitoring prevents measurement errors. The PROTON automatically switches off in case of vibrations or shocks and automatically levels itself again.



### Rugged.

It is ideally suited for the harsh construction-site conditions with an IP66 protection, and a drop resistance rating for a drop from a height of one meter onto concrete.

## PROTON H

FOR A HORIZONTAL LEVELLING.

The PROTON H convincingly demonstrates its abilities by providing an exceptional degree of precision as well as an easy handling when performing horizontal levelling tasks. The laser is suitable for both the novice as well as professionals. A single push of a button is all it takes, and the device will be ready to use.

### Scope of delivery PROTON H:

- ▶ Rotation laser PROTON
- ▶ Receiver REC RR00 (range r = 350 m\*) with clamp
- ▶ SOLA Li-ion battery incl. charger
- ▶ Pouch large



Horizontal



### The PROTON H set is especially suitable for:

- ▶ Bulldozing and excavation work
- ▶ Levelling of formwork and foundations
- ▶ Checking of screed work

## PROTON S

FOR HORIZONTAL AND INCLINATION APPLICATIONS.

If the requirements span beyond the horizontal levelling, the PROTON S will be the right choice. The inclination application can only be controlled with the PN RC remote control. The receiver REC RR00 greatly eases the measuring and reading tasks. Its large reception field and the numerical display enables a highly comfortable height setting.

### Scope of delivery PROTON S:

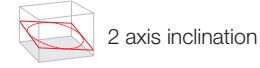
- ▶ Rotation laser PROTON
- ▶ Remote control PN RC
- ▶ Receiver REC RR00 (range r = 500 m\*) with clamp
- ▶ SOLA Li-ion battery incl. charger
- ▶ Pouch large



Horizontal



1 axis inclination



2 axis inclination



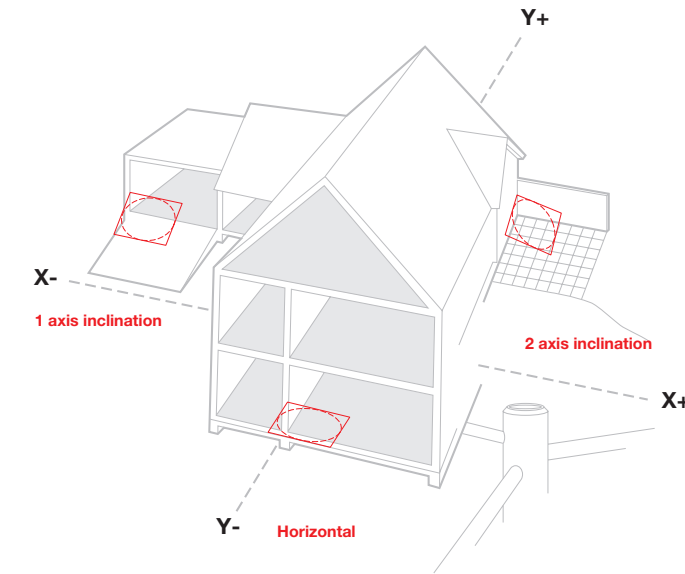
### The PROTON S set is an absolute professional when it comes to inclinations:

- ▶ Construction work in the wastewater and sewer area
- ▶ Road work, garden design and landscaping
- ▶ Parking garages, ramps, drainage systems

## PROTON S

2 AXIS INCLINATION LASER WITH A REMOTE CONTROL.

Measuring operations with an inclination can be quickly and easily performed with the PN RC remote control, through a manual adjustment of the X and Y axis inclination by up to 5°.



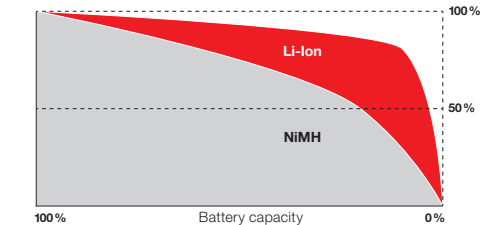
## LITHIUM-ION BATTERY

ALWAYS READY.  
UP TO 30 HOURS.

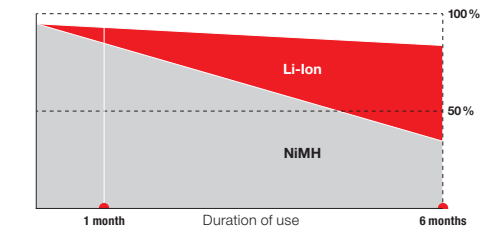
### Full power. Full versatility.

Lithium-ion batteries provide lots of power and only occupy very little space. With only one battery charge, the PROTON is ready for 30 hours of use. The full performance and a good visibility of the lines will remain constant until the very end. It only needs to be connected to the charger when the battery is completely empty.

### FULL POWER TILL THE VERY END.



### NO SELF-DISCHARGE. ALWAYS READY FOR USE.



### NO MEMORY EFFECT. CHARGE AS YOU DESIRE.

