

# Leica NA700 Series

Jobsite Tough,  
Clearly Precise



- when it has to be **right**

**Leica**  
Geosystems



# Leica NA700

## The Most Robust Level.

### Jobsite Tough, Clearly Precise.

A short drop onto the ground, a fall into water, vibrations from heavy machinery – with Leica NA700 series you just carry on walking. No checking or re-adjustment required. No hassle, no time wasted. Just precise, clear measurements day in, day out. Jobsite Tough, Clearly Precise. Guaranteed.

#### 100 Years of Leica Geosystems Research, Development and Experience

In every Leica NA700 series level lies over a century of research and development from forefathers Kern Swiss and WILD Heerbrugg. Continuous application of the most modern technology has led to Leica Geosystems of today. We offer a wide range of surveying instruments and software, with a legendary reputation for precision and reliability that has been put to the test for decades on the building site.

#### Superior Performance, Superior Value

Extreme robustness, the highest measurement precision and an extremely competitive price. All this in one package. No one else comes close.

 **Swiss Technology**  
by Leica Geosystems





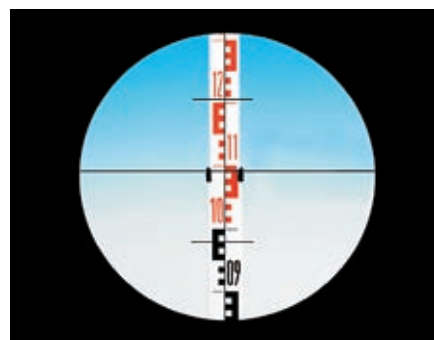
### So Easy to Use

The circular bubble and horizontal circle can be read directly next to the telescope. Approximate targeting is made easy using the external sight. The image is presented upright and precise targeting is quick, courtesy of the double-sided endless drives. The Leica NA728 and Leica NA730 have a rough/fine focus drive making your work even easier.



### Free Choice

Configure the level to suit your work and preferences. The horizontal circle can be read in either degrees or gons, the footscrews have adjustable resistance. Also, the Leica NA700 series may be mounted on flat or dome-head tripod.



### Ergonomic Optics

Probably the finest optics in the world. Banish tired eyes forever. Ensures you are really aiming accurately at the target, even in extreme light conditions. A minimum target distance of 50 cm enables you to work in the tightest conditions.



### "Best in class" optics

Whether early in the morning or late in the afternoon, you can work with the Leica NA700 series where the others simply have to give up. Better contrast reduces the strain on your eyes and makes it easier to read the measurement. The building site is no place for compromise. That's why every Leica NA700 level uses our renowned optics. That means longer periods of use with reduced chances of error.



### Water- and Dustproof

Water, dust and dirt have no effect on the Leica NA700 series. High quality workmanship matched with an intelligent design, watertight seals, a gas-filled telescope and the most modern technology mean that even after a total soaking you just carry on working. Leica NA700 series levels are tested for water resistance up to IP57 (total immersion) of the IEC60529 standard.

### Shock Resistant

Even after a short drop, the Leica NA700 series levels can be used again straight away. In our quality assurance tests the Leica NA700 is subjected to impacts with an acceleration of up to 700 G. It has also passed the tough ISO9022-33-05 standard. These quality tests ensure that the Leica NA700 can withstand the roughest treatment on site.



CTP104



CTP104D

## Accessories

Simplify your work, increase your precision and make your Leica NA700 level into a complete set with original Leica Geosystems accessories, e.g with flat-head aluminium tripod CTP104 or dome-head tripod CTP104D and levelling staff CLR102.



Register your Leica NA700 at [www.leica-geosystems.com/registration](http://www.leica-geosystems.com/registration) to extend the warranty.

CLR102



Technical Data	Leica NA720	Leica NA724	Leica NA728	Leica NA730
Magnification	20 x	24 x	28 x	30 x
Telescope Image	Upright			
Gas Filled Telescope	Yes			
Diameter of objective	30 mm	36 mm	40 mm	
Shortest focusing distance	0.5 m			0.7 m
Angle Measurement	360 degree/400 gon, Selectable			
Distance Measurement				
– Multiplication Factor	100			
– Additive Constant	0			
Circular Bubble	10' / 2 mm			
Focus Drive	rough		rough / fine	
Horizontal Drive	both sides, endless			
Accuracy (Standard deviation)				
Per km double-run	2.5 mm	2 mm	1.5 mm	1.2 mm
Single measurem. with 30m target dist.	1.5 mm	1.2 mm	1 mm	0.8 mm
Compensator				
Setting Accuracy	< 0.5"		< 0.3"	
Working Range	± 15'			
Environmental				
Impact	ISO 9022-33-5			
Water and Dust Resistance	IP57 (immersion)			
Temperature Range				
– Operation	– 20 to +50 °C			
– Storage	– 40 to +70 °C			
Dimensions				
Size	19 x 12 x 12 cm		21 x 12 x 12 cm	
Weight	1.6 kg		1.7 kg	







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.**

Illustrations, descriptions and technical data are not binding. All rights reserved.  
Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2009.  
712696en – XII.09 – RDV



**Total Quality Management –**  
our commitment to total  
customer satisfaction.

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



**Leica Jogger 20/24**  
Automatic levels –  
Fit for Work



**Leica Runner 20/24**  
Robust and  
value-priced  
automatic levels



**Leica NA2/NAK2**  
The classical,  
high-precision level



**Leica Sprinter**  
One-button  
digital level