

LEICA NA700 Series



Jobsite Tough, Clearly Precise

Leica
Geosystems

LEICA NA700 – The Most Robust Level. Guaranteed. Jobsite Tough, Clearly Precise.

Your level's knocked out of your hand, you drop it in water, it's shaken by heavy machinery. Send it for service? Not the LEICA NA700 Series. 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.



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 NA728 and 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 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're really aiming accurately at the target, even in extreme light conditions. A minimum target distance of 50cm enables you to work in the tightest conditions.



***Just in case –
Shock Resistant***

Even after a fall, the LEICA NA700 series levels can be used again straight away. No need to check or readjust the instrument in the workshop or send it for service. In our quality assurance tests the LEICA NA700 is subjected to impacts with an acceleration of up to 700G. It's also passed the tough ISO9022-33-05 standard. These quality tests ensure that the LEICA NA700 can withstand the roughest treatment on site.



***Just in case –
Waterproof***

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.



***Just in case –
"Best in class" optics***

Whether early in the morning, late in the afternoon or simply in the shade of a large building, you can work with the 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. What does this mean? Longer periods of use with reduced chances of error. And at no extra cost.



LEICA NA700 series

Durably Tough, Clearly Precise

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

Accessories

Simplify your work, increase your precision and make your LEICA NA700 level into a complete set with original Leica Geosystems accessories.



Total Quality Management
is our commitment to total
customer satisfaction.

For more information about our TQM program, ask your local Leica Geosystems agent.

Your Dealer

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Leica
Geosystems

Leica Geosystems AG
CH-9435 Heerbrugg
(Switzerland)

Phone +41 71 727 31 31

Fax +41 71 727 46 73

www.leica-geosystems.com