

# THE PERFECT FORMAT

**Excellent performance thanks to a 75 mm objective and magnification range of 20-60x and compactness of its telescopic design: these are the two most important qualities of the “together forever” spotting scope by Meopta, boasting a very robust design which is impact-resistant.**

**Text by Ruggero Pettinelli, pictures by Matteo Galuzzi**

**S**potting scopes definitely belong in the basic equipment of today’s modern hunters. Often, however, maximum magnification requires a larger diameter of the objective to ensure better luminance during the critical time of dawn. This naturally creates a disadvantage in the form of increased weight and volume. If we consider that the basic equipment of a professional hunter includes a rifle with a scope, a range finder, binoculars, a backpack, shells etc., the option of having a powerful device with great luminance which is also lightweight and most importantly compact, brings many advantages. For this reason, Meopta decided to support its highly efficient device S1 75 with a 75 mm objective by equipping it with a multifunction device Tga 75.

## COMPACTNESS ABOVE ALL

The key element of the system is its telescopic design: the basic body is made up of two subassemblies, i.e. the outer supporting tube coated with a thick layer of anti-slip rubber, serving as protection against impact, and the inner tube made from light alloys, which moves inside the outer tube. The light alloy tube is connected to the eyepiece with a screw, and can be exchanged for the traditional S1 series. This one can be supplied with zoom, like the one we tested, with a range of 20-60x or with fixed wide angle 30x magnification. It is possible to buy only the body and then buy the eyepiece separately, or use the kit offered by importer company Bignami, which includes



the body with two eyepieces, with a marked difference in the purchase price compared to buying the three devices separately (60% of the wide angle eyepiece price). If you insert the light alloy tube into the main tube, the outer dimensions of the device body will drop to only 250 mm (without eyepiece) compared to 365 mm in the S1 series, which is actually quite little considering the fact that the device retains the properties of *full size*, as the 75 mm objective and *zoom* up to 60x. To facilitate transport and speed up operation, the *spotting scope* is supplied with two robust rubber caps, the lower flat cap intuitively protects the objective and the top bell-shaped cap protects the mouth of the eyepiece and particularly allows safe transport of your optical device with mounted eyepiece. With this kit, the device has dimensions comparable with a conventional 75 cl thermos flask or bottle. You will therefore fit it easily in every backpack. This kit also ensures that the device is ready for use quickly.

**Maximum performance, minimum dimensions: that is the Meopta Tga 75 spotting scope.**

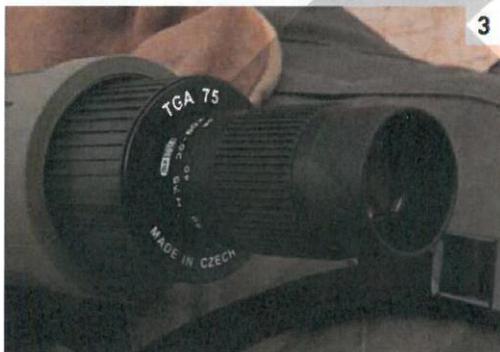
1. If you retract the telescopic tube, the size of the spotting scope is comparable to a thermos flask. The rubber cover and two protective rubber caps are excellent. The top cap allows for easy transport without the need to remove the eyepiece.

2. The front lens has a diameter of 75 mm and is recessed by 15.5 mm from the front edge of the rubber body, which protects it perfectly from any impacts.

3. The "control zone" consists of the main focusing sleeve and a sleeve for adjusting magnification on the eyepiece with a range 20-60x.

4. The eyepiece is mounted using a screw with a fine thread, the eyepiece with 20-60x magnification can be replaced with a wide-angle eyepiece with 30x magnification in order to extend the field of view and increase luminance.

5. The lower part of the device hosts a platform with a screw mount for the photographic tripod and a loop strap.



## TECHNICAL DATA SHEET

**Manufacturer:** Meopta,  
[www.meopta.com](http://www.meopta.com)

**Distributor:** Bignami, ul. Lahn 1,  
39040 Ora (Bz), tel.  
0471.80.30.00, fax  
0471.81.08.99, [www.bignami.it](http://www.bignami.it)

**Model:** Tga 75

**Type:** telescopic spotting scope

**Total length:** 450 mm extended  
with eyepiece 20-60x attached;  
335 mm in transport position with  
attached rubber caps; 250 mm  
without eyepiece and caps

**Objective diameter:** 75 mm

**Maximum diameter with body:**  
85.5 mm

**Eyepiece:** with 20-60x  
magnification, or wide angle 30x  
(Wa)

**Field of view at 1000 meters:**  
from 31 to 16 m (20-60x)

**Focal distance:** 15 mm

**Minimum focus distance:** 6 m

**Diopter correction:** +/- 5

**Weight:** 1,150 grams

**Standard kit:** protective caps for  
the body, protective caps for the  
eyepiece, carrying strap,  
instruction manual

**Optional accessories:**  
photographic adapter (€ 313)

**Tightness:** rainproof

**Price:** body only, € 741,  
incl. VAT; eyepiece 20-60x, €  
313; eyepiece 30x Wa, € 179;  
complete kit with body and two  
eyepieces, € 1.170

Strong protective rubber layer of the main tube also allows placement on risk surfaces (backpack, rock, ground) and longitudinal indentations ensure good stability even in makeshift conditions. If you have more time and require more comfort, you can mount the Tga on a tripod. For this purpose, the bottom part contains a mount platform with a *standard* thread. The platform is also equipped with a steel strap for attaching a strap (available in the kit), which can be used to carry the device and also to attach the caps and prevent their loss.

## OUR TEST

The assembly is extremely simple, it is enough to remove the protective caps from the eyepiece, carefully mount the thread on the light alloy tube and screw in. The thread has a low lead angle and is equipped with a O-ring seal, which causes more resistance during the last two turns before it is tightened completely. This is a great feature, because even if the device does not have a snap clip, the eyepiece cannot be unscrewed accidentally. For observing, the telescopic tube needs to be extended fully, focusing is adjusted using the longer sleeve at the end of the tube which has deep longitudinal grooves that allow

for easy adjustment even with sweaty, wet or frozen hands! The second, rubbered adjustment sleeve with finer indentation is located on the eyepiece and is used for adjusting magnification. It is soft and turns effortlessly (it reacts to even the slightest touch). The main focusing sleeve has a range of less than two turns, allowing very fine, quick and intuitive focusing. For clarification, a clear image is achieved in a very short time, but at the same time it is easy to distinguish whether the observed object is perfectly in focus or only "almost sharp". The main rubbered body fits in the hand comfortably and feels *warm*. Since the edge of the tube extends over the lens by 15.5 mm, it is protected sufficiently against accidental impacts, which can easily occur after removing the protective cap. Image quality needs no description, it has surpassed all expectations: multilayer treatment Meobright 5501 used on the device (same as S1) offers excellent light transmission, the image is sharp even in peripheral areas of the visual field, it is free from any distortion or visible chromatic aberrations. Within this price range, the device has high quality design and image that very few competitors can match assuming the same price level. The telescopic design offers real space saving and generally a higher level of protection against impacts and other accidents that often occur during hunting.