



# A BETTER VIEW OF THE WORLD



EUROPEAN  
OPTICS  
since  
1933

**MEOPTA**  
Sports Optics 2015



# Superior Optics Since 1933

Meopta is a family-owned, multinational company with facilities in the Czech Republic and United States. Founded in 1933 in Czechoslovakia, Meopta is a leading partner and supplier to many of the world's finest optical brands.

In the Czech Republic, precision optical products are developed, manufactured and assembled to exacting standards in clean-room environments for semiconductor, medical, aerospace and military industries as well as for consumer markets.



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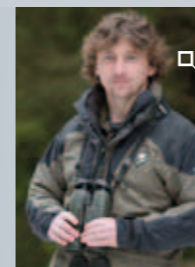
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### Written About Us:

"The Meopta is an incredible optic. It's so good some of our testers almost preferred the Meopta to the mighty Swarovski. That says a lot."

Petersen's Hunting Magazine, September 2013



### Marek Drha

The pictures in Meopta Sport Optics 2015 catalog were taken by a hunter and avid wildlife photographer Marek Drha.

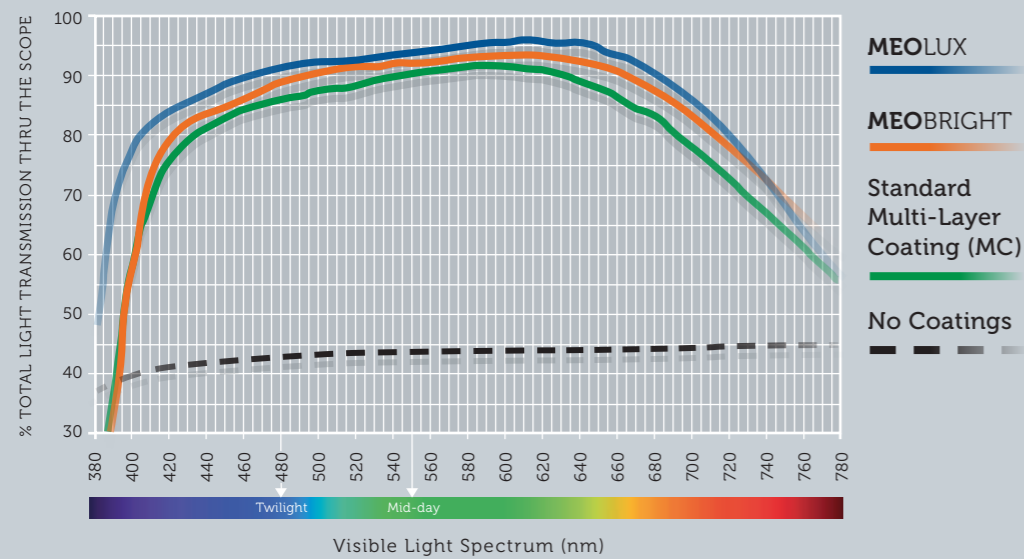
In his pictures of wildlife he captures not only the pure nature, but also the life and behavior of wild animals in their natural environment.

# Optical Excellence

Some of the best hunting happens in the most dismal lighting and weather conditions. The darkness of dawn and dusk, cloud cover, fog, rain and shadow don't care that you are stalking a trophy buck. Thankfully... we do.

With over 80 years making the world's best optics, we know how to maximize light transmission, visual clarity and achieve optical excellence.

Our newest MeoLux and MeoBright ion assisted multi-coatings deliver incredible industry leading light transmission per lens surface. This means a Meopta riflescope, binocular or spotter will let you see more, better and longer.

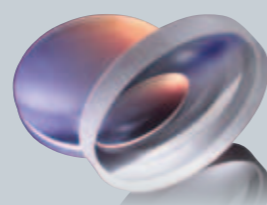


## MEOLUX

Our newest and highest performing ion-assisted multicoating featured in our new MeoStar R2 series riflescope lenses. This next generation lens multi-coating delivers industry leading light transmission per lens surface while suppressing reflection and glare. MeoLux multi-coated riflescopes deliver an overall light transmission of 95% which ensure the absolute brightest views imaginable.

## MEOBRIGHT

Our high-performance ion-assisted multicoating featured on MeoStar R1, MeoPro and ZD series riflescopes, MeoStar binoculars and MeoStar S1 and S2 spotting scopes. MeoBright delivers outstanding light transmission per lens surface while suppressing reflection and glare. MeoBright multi-coated optics deliver performance the competition can't match.



## MEO DROP

HYDROPHOBIC COATING



A proprietary hydrophobic lens coating designed to repel water, grease, skin oils and lens surface contaminants that can impair clarity. This microscopic hydrophobic layer – applied to external lens surfaces – repels water so aggressively that rain and moisture form a tight ball and simply roll off the lens surface. MeoDrop coated lenses are easily wiped clean with no smudging or smearing, stay clean longer and maintain the highest level of visual clarity.

## MEO SHIELD

ANTI-ABRASION LENS COATING



A proprietary ion-assisted coating protects external lens surfaces and delivers enhanced resistance to scratching or abrasion in extreme conditions.

## HD Glass Elements

HD Fluoride objective lens elements eliminate chromatic aberration (CA) or color fringing by bringing light wavelengths into a single common focus along the optical axis – delivering maximum resolution and vivid color fidelity in challenging lighting conditions.

## 30 Year Transferable Warranty

Meopta builds on its optical excellence, tradition and experience, and therefore provides for selected products a 30 year transferable warranty. Users may extend their warranty to 30 years on select newly purchased Meopta products via registration. Details and registration forms can be found at [www.meoptasportsoptics.com](http://www.meoptasportsoptics.com)

# Riflescopes

MeoStar R1 3-12x56 RD



**Injured**  
 He was trailing game at a great distance through the edge of the woods. He walked slowly, an old injury to a front leg preventing him from moving at a faster pace. I had enough time to read him well. It was the peak of the mating season and in front of me stood an older stag with an unusual rack of antlers. I did not have to think long.



**A** Aircraft grade aluminum tube with protective ELOX hard-anodized surface is precisely machined, exceedingly robust.

**+** Etched glass illuminated and non-illuminated reticles in the 1st and 2nd plane offer superior contrast.

State-of-the-art red dot illumination systems feature adjustable dot intensity with intermediate on/off positions for low light to daylight conditions.

**⊕** MeoTrak II posi-click finger adjustable turrets offer precise and repeatable Windage and elevation adjustments.

**AI** Proprietary 30mm or 1 inch optical assembly delivers incredible lowlight clarity and is built to withstand hard hitting, large caliber rifles.

**⊖** Meticulously ground and polished lenses are multi-coated with MeoLux or MeoBright anti-reflective lens coatings for maximum optical performance and light transmission.

**💧** All riflescopes are 100% guaranteed waterproof, submersible and are fully protected against humidity, rain and snow.

**N<sub>2</sub>** All riflescopes are purged and sealed with inert Nitrogen gas to provide 100% guaranteed fogproof performance.

## Illumination System <sup>RD</sup>



Meopta offers hunters and sports shooters a number of illuminated reticle types, which are listed in the table on page 40. All the illuminated reticles offer a sharp and precise point of impact at any selected brightness level. Each illumination level can be turned off at half-click positions so it is not necessary to set your mode of choice again and again.

The illuminated reticle is as visible in bright daylight as at dusk.



The MeoStar R1r 3-12x56 RGD is equipped with an illumination unit with a selectable green and red dot. The green dot will mainly be appreciated by hunters at sunset, in autumn or in desert conditions where a red dot can blend in with the background.



**MEOBRIGHT**  
ION ASSISTED LENS COATINGS

**MEOLUX**

**MEODROP**  
HYDROPHOBIC COATING

# MeoStar R2

Aimed at the premium hunting market segment, Meopta brings to hunters features which are hardly beatable when it comes to quality, performance and price. 6x zoom, extraordinary light transmission, advanced illumination system and improved W&E turret adjustments are just some of the features which make the MeoStar R2 series of riflescopes the new performance leader in the premium riflescope segment.

## Parameters

- MeoLux
- MeoDrop
- MeoShield
- RD
- MeoTrak II
- Shockproof
- Nitrogen Purged
- 30mm Aluminium Alloy Tube
- Waterproof



## The King

Meeting him was always an extraordinary experience for me, whether in the mating season when his imposing looks left no doubt in the minds of his rivals who they were dealing with, or in his regular winter habitat, where his mere presence was enough to force the other stags to respect him.



MeoStar R2 1-6x24 RD  
MeoStar R2 1-6x24 RD/MR \*\*

The MeoStar R2 1-6x24 RD is a dangerous game hunter's new best friend. An extremely wide field of view combined with the optional K-Dot 2 reticle and true 1x magnification allows the shooter to quickly acquire their target and place the kill-shot when time is of the essence.



MeoStar R2 2,5-15x56 RD  
MeoStar R2 2,5-15x56 RD/MR \*\*

Designed to be the ultimate low-light choice for big game hunting, the MeoStar R2 2.5-15x56 RD provides crystal-clear resolution and edge-to-edge clarity needed for challenging shooting conditions. The new 6x zoom range offers the versatility needed for short range out to extended distances, making the scope an ideal choice for a wide range of rifles and game.



MeoStar R2 1,7-10x42 RD

Whether stalking, on top of your lightweight mountain rifle or in dense woodlands, the 6x zoom, low-light performance and compact design of the MeoStar R2 1.7-10x42 RD will meet or exceed expectations each and every time.



MeoStar R2 2-12x50 RD

For many riflescopes twilight means time to pack up and go home. That just isn't good enough when a potential trophy is within reach. To ensure you never miss out on those special and rare opportunities, Meopta introduces the MeoStar R2 2-12x50 RD. Made to cover all possible scenarios when out hunting, the expansive 6x zoom and field of view along with MeoLux multi-coatings and 12x maximum magnification ensure that no shot is out of your capable reach. From the forest, to the fields to the open plains, everything is now possible with just one scope.

# MeoStar R1

Our benchmark series MeoStar R1 riflescopes have become favourites of hunters and shooters from across the globe. Exceptional quality and reliability at an exceptional value - these are the main characteristics of MeoStar R1 riflescopes.

## Parameters

- MeoBright
- MeoShield
- RD \*
- MR \*\*
- MeoTrak II
- Shockproof
- Nitrogen Purged
- 30mm Aluminium Alloy Tube
- Waterproof

\*MeoStar R1r 3-12x56 RGD allows for green and red dot option



### The Black Knight

Suddenly, he appeared like an apparition. He stood there waiting long as if meaning to say that he had wandered here by coincidence. There he was, standing before me, the real "Black Knight" of our woods. With confidence I place the crosshairs on him, and at the moment I pull the trigger I've realized my mistake.



\*\* MR (Meopta Rail)  
Models with Zeiss type rails for special mounting without rings.



R1 1-4x22  
R1 1-4x22 RD



R1 1-4x22 RD/MR \*\*



R1 4-16x44 Tactic



R1 3-10x50



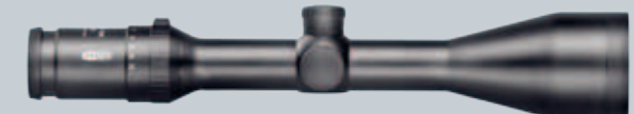
R1 1.5-6x42 RD



R1 4-12x40



R1 3-12x56  
R1 3-12x56 RD



R1r 3-12x56  
R1r 3-12x56 RGD



R1 7x56  
R1 7x56 RD



R1r 3-12x56 RD/MR \*\*

# MeoPro

The MeoPro series of riflescopes offer the price and performance that appeal to hunters of all experience levels. Sleek, compact and priced right, MeoPro riflescopes offer maximum performance with outstanding value. Designed and built to the demands of the North American hunter, MeoPro riflescopes have gained the stamp of approval from hunters across the globe for their uncompromising optical quality and durable construction.

## Parameters

- MeoBright
- MeoShield
- RD
- MeoTrak II
- Shockproof
- Nitrogen Purged
- 1 inch Aluminium Alloy Tube
- Waterproof



**Mysterious**

We had met several times but he was always a step ahead. The wind often turned around in the deep valley where he lived making it impossible for me to take a shot. That day, however, everything was different. A storm had died down and the air was thick with the smell of resin from the surrounding undergrowth. Tufts of light vapor formed over the valley while HE carelessly grazed amidst a meadow illuminated by the setting sun. There was nothing to wait for; I had made up my mind. This time around I'm not going to let him walk away.



MeoPro 3-9x42



MeoPro 4-12x50



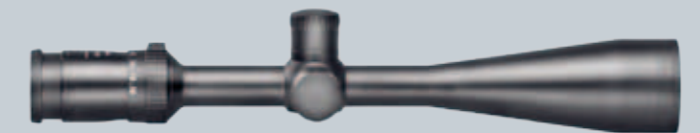
MeoPro 3-9x50



MeoPro 3.5-10x44  
MeoPro 3.5-10x44 RD



MeoPro 6x42



MeoPro 6-18x50

# Artemis

Tested, trusted and proven to perform time and time again, the Artemis series of riflescopes feature robust mechanical construction enclosed in a durable steel tube. Guaranteed to provide extreme shock resistance as well as exceptional durability in extreme conditions.

## Parameters

- Fully Multicoated
- MeoShield
- RD
- MeoTrak II
- Shockproof
- Nitrogen Purged
- Durable Steel Tube Construction
- Waterproof



2100 3-12x50 RD



2100 7x50 RD

# Red Dot Sights

## MeoRed

NEW

Extremely compact and rugged red-dot sight designed primarily for handgun and sport shooting. Guaranteed waterproof submersible for use in any and all weather conditions.



# MeoSight III

Innovative features such as a choice of manual or automatic brightness control along with intelligent auto-off and battery life indicators make the MeoSight III a lightweight (35 grams) and dependable (1000 hour battery life) aiming device for handguns, shotguns and tactical weapons. Available in a 3 MOA red dot with 60 MOA adjustment and lockable elevation and windage adjustments, the features, performance and value locked away in the MeoSight III are an out of this world combination.



## Experienced

Before the hunters had time to take up positions in the hunting area, he took off from the edge of the woods with plenty of distance between himself and the hunters to quietly disappear in the adjacent valley. Led by his instinct and trained by regular encounters he knew exactly what kind of dangers he would be exposed to if he hesitated.



# Tactical Sport Shooting



## MeoTac

NEW

Designed from the ground up to meet the needs of in-the-field operators, the new Meopta MeoTac tactical riflescopes check the boxes required for armed forces, security detail and tactical shooters worldwide.

Solid 34mm aircraft grade aluminum tube allows for an expansive adjustment span of W&E. Reticle in the 1st focal plane enables use of range finding elements of the reticle at any power. The new MeoTac line features precision tactical mil-mil turrets with a large, perfect grip, flawlessly distinguished positive-clicks and zero-stop function. Side-focus parallax adjustment from 25m to infinity and integrated illumination control put all controls on the center cube of the scope, making adjustment in the field or on the range easy and convenient.

### Parameters

- MeoLux
- MeoShield
- RD
- Shockproof
- Nitrogen Purged
- 34mm Aluminium Alloy Tube
- Waterproof



Mil-mil turret means that the step on the turrets corresponds the reticle structure, i.e. Mil-dot reticle (1 mRad) » the turret step 0,1 mRad.



MeoTac 3-12x50 RD

## ZD



Meopta ZD tactical riflescopes are designed and manufactured in order to satisfy the needs of today's advanced armed forces, professional shooters and law enforcement personnel across the globe. Tested and proven under the careful watch of military professionals in demanding situations, ZD riflescopes deliver absolute optical performance and a clear tactical advantage.

### Parameters

- MeoBright
- MeoShield
- RD
- MeoTrak II
- Shockproof
- Nitrogen Purged
- 30mm Aluminium Alloy Tube
- Waterproof



ZD 4-16x44 RD



ZD 1-4x22 RD



ZD 6-24x56 RD

# Category of use

For easy orientation thru the range of Meopta scopes we have divided the scopes by application type below.

## Adverse Light Conditions

Adverse light conditions are typical especially for still-hunting, such as in a high-seat or stalking. The high light transmission value makes sights with a large objective diameter (50mm/56mm) extremely suitable for these hunting methods. In practice, you can watch game even before sunrise and often also after sunset. The high light transmission provided by the Meopta sights is guaranteed by both the diameter of the objective and the top-quality MeoBright and MeoLux (on the MeoStar R2) coatings which increase the light transmission capability to the top of industry standards; in essence, you can hunt longer.

The large magnification range enables you to accurately acquire game at long ranges. The illuminated reticles with adjustable illumination levels contribute to hitting your target consistently and reliably.

- MeoStar R2 2,5-15x56 RD / MR
- MeoStar R2 2-12x50 RD
- MeoStar R1 7x56 / RD
- MeoStar R1 3-12x56 / RD / R1r / MR / RGD
- MeoStar R1 3-10x50
- MeoPro 4-12x50
- MeoPro 3-9x50
- Artemis 2100 7x50 RD
- Artemis 2100 3-12x50 RD

# A BETTER VIEW OF THE WORLD

## Wild Boar Hunting / Quick Shooting Situations

Sights with a small objective diameter are best suited for hunting wild boar and other moving game, i.e. instinctive shooting. Because of the magnification of exactly 1x it is possible to aim with both eyes open and follow the moving game while not losing a picture of what is going on in your surroundings. Low magnification is suitable for firing at shorter ranges and is mainly useful in rough terrain.

- MeoStar R2 1-6x24
- MeoStar R1-1-4x22 / RD / MR

The MeoSight III red dot sight can be used as an alternative to the telescopic sights with a magnification of 1x.

## All-Round

Telescopic sights with an objective diameter of 40-50mm combine the advantages of scopes with a lower magnification and high light transmission values. They are primarily intended for hunters who prefer versatility and want to be prepared for everything while on a hunting trip. All these models enable both firing at moving targets and at longer ranges, while providing enough light for hunting before dusk and at dawn. All the Meopta all-round sights feature the MeoBright coating; the MeoStar R2 family is additionally enhanced with MeoLux coatings.

- MeoStar R2 1,7-10x42
- MeoStar R2 2-12x50
- MeoStar R1 4-12x40
- MeoStar R1 1,5-6x42
- MeoStar R1 3-10x50
- MeoPro 6x42
- MeoPro 3-9x42
- MeoPro 3,5-10x44 / RD
- MeoPro 3-9x50
- MeoPro 4-12x50
- Artemis 2100 7x50 RD
- Artemis 2100 3-12x50 RD

## Hunting

Chilly mornings thick with snowy haze, beads of dew arranged in spider web patterns, the breath of a mountain forest playing in infinity, the age-long desire, the suspense of the unexpected, the self-explanatory serenity, the moments that are saved forever in the heart, which become an incurable addiction.

# Accessories

## Meopta Ballistic Hunting Turret and Calculator

The new MeoStar Ballistic Hunting Turret (BHT) is designed to help shooters establish reliable, accurate aiming points at multiple distances. Multiple holdover points are specially calibrated for your weapon in conjunction with our simple, web-based ballistic calculator. Additionally, the BHT is a self-assembled unit which fits to the top of your elevation adjustment on our most popular MeoStar riflescopes.

<http://calculator.meoptasportsoptics.com>

**NEW**

Now available for MeoStar R2, MeoStar R1 and MeoPro riflescope series



### Hopeful

As usual, he took to his favorite meadow long before daybreak. He had never given me much of a chance, always disappearing as quickly as he had appeared. This time, however, I have plenty of time to assess everything properly. A roebuck suspects that things are not the way they usually are, however, I remain calm. I know I am not going to shoot him. His time has not come yet.

## Flip-Off Caps

New accessory item for Meopta riflescopes. A simple and very silent solution for protecting the rifle scope objective when not in use.



## Sunshade

Available for most MeoStar, Artemis, ZD and MeoPro riflescopes.



## Comparison of individual scope types by basic specifications

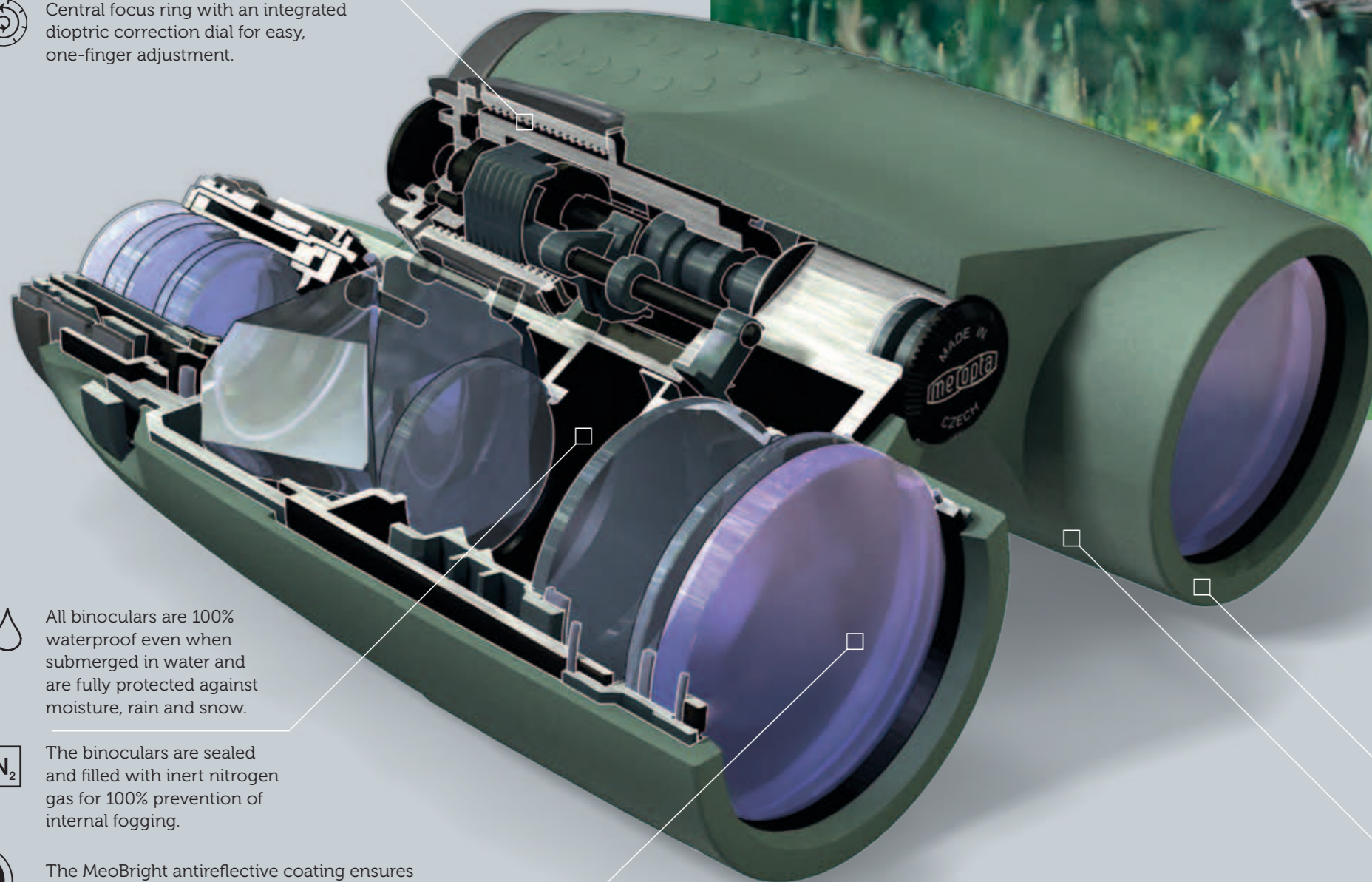
technical parameters p.44-47

	Artemis	MeoPro	MeoStar R1	MeoStar R2	ZD	MeoTac
Tube Material	Steel Aircraft	Grade Aluminium Alloys				
Tube Diameter (mm)	30	25.4	30	30	30	34
Magnification Range	4x	3x	4x	6x	4x	4x
Finish	Matt Black Paint	ELOX Hard Anodized				
Layers	MC MeoShield	MeoBright MeoShield	MeoBright MeoShield	MeoLux MeoDrop MeoShield	MeoBright MeoShield	MeoLux MeoShield
Light transmission	88-90%	92-94%	92-94%	93-95%	92-94%	93-95%

# Binoculars



Central focus ring with an integrated dioptric correction dial for easy, one-finger adjustment.



All binoculars are 100% waterproof even when submerged in water and are fully protected against moisture, rain and snow.



The binoculars are sealed and filled with inert nitrogen gas for 100% prevention of internal fogging.



The MeoBright antireflective coating ensures extraordinary light transmission properties.



Fluoride HD glass elements to suppress chromatic aberration.

## An old acquaintance

I used to watch him regularly every summer over the course of several years; a stag with an interesting rack of antlers that would always stay a while on his way from his winter habitat to the places where he reigned during the most enthralling season of the year – the mating season. It was interesting to watch as the shape and thickness of his antlers gradually changed, even emphasized by the velvet in the period of growth. He was an old acquaintance of mine and I always looked forward to our next encounter.

## MeoStar B1 10x42 HD



Constructed from lightweight aluminium alloy, the body is exceptionally rugged to ensure a long life at extreme operating temperatures.



The protective rubber lining is soft and designed to provide a comfortable grip.



**MEOBRIGHT**  
ION ASSISTED LENS COATINGS

# MeoStar B1

MeoStar B1 binoculars combine superior optical elements in a compact, mechanically robust, ergonomically designed body, providing exceptional waterproof, dustproof and shockproof performance.

MeoStar B1 10x42 HD  
MeoStar B1 12x50 HD  
MeoStar B1 15x56 HD

NEW



MeoStar B1 8x32  
MeoStar B1 10x32



MeoStar B1 7x42  
MeoStar B1 8x42  
MeoStar B1 10x42



MeoStar B1 7x50  
MeoStar B1 10x50  
MeoStar B1 12x50



MeoStar B1 8x56

# MeoSport

The MeoSport 8x25 pocket sized binoculars offer the opportunity to view all the great things in our world while not being cumbersome or bulky to carry on your daily adventures. 100% waterproof, the MeoSport 8x25 is ideal for beginner binocular users, day-travelers or anyone interested in exploring the beauty of the world.



# MeoPro HD

NEW

The new concept of the MeoPro HD line of binoculars provides better colour rendition, making observation even more attractive.

The new line of the MeoPro HD binoculars boasts high-quality fluoride optical elements which deliver perfectly vivid colours to wildlife watchers and significantly reduces chromatic aberration. The lightweight magnesium body is rubberized, shockproof, waterproof, and filled with an inert gas to prevent fogging.



MeoPro 8x32 HD  
MeoPro 10x32 HD



MeoPro 8x42 HD  
MeoPro 10x42 HD



MeoPro 8x56 HD

# Category of Use

For easy orientation thru the range of Meopta binoculars we have divided the binoculars by application type below.



## Stalking Game / Hunting on the Move

Small binoculars with an objective diameter of 32mm and 42mm are best suited for hunts with a hunting party or for stalking game because they provide a great weight/performance ratio.

- MeoStar B1 8x32
- MeoStar B1 10x32
- MeoStar B1 7x42
- MeoStar B1 8x42
- MeoStar B1 10x42
- MeoStar B1 10x42 HD
- MeoPro 8x32 HD
- MeoPro 10x32 HD
- MeoPro 8x42 HD
- MeoPro 10x42 HD



## Daily Use

Binoculars with a lower objective diameter (up to 42 mm) are suitable for a variety of sporting or outdoor activities, bird watching, hiking, and leisure activities.

- MeoStar B1 8x32
- MeoStar B1 10x32
- MeoStar B1 7x42
- MeoStar B1 8x42
- MeoStar B1 10x42
- MeoStar B1 10x42 HD
- MeoPro 8x32 HD
- MeoPro 10x32 HD
- MeoPro 8x42 HD
- MeoPro 10x42 HD
- MeoSport 8x25

# A BETTER VIEW OF THE WORLD



### The River

A mountain river is a synonym for wild and untamed nature for me, a place where I have a strange indescribable feeling which constantly makes me think. A place where I am always only with myself, a place I have in my heart, and where I always love to return. Its tireless rapacity calming down in melancholic recesses is for me an endless resource of noteworthy stories and unexpected encounters.

## Hunting Stand and Adverse Light Conditions

Binoculars with a large objective diameter (50mm/56mm) which guarantees high light transmission and properties which are well suited for observation at dawn or dusk.

- MeoStar B1 7x50
- MeoStar B1 10x50
- MeoStar B1 12x50
- MeoStar B1 8x56
- MeoPro 8x56 HD

## Comparison of the individual binoculars types by basic technical specifications

technical parameters p.44-47

	MeoStar B1	MeoSport	MeoPro HD
Body	Aluminium alloys	Polycarbonate	Magnesium alloys
Properties	Waterproof, submersible, up to 4m	Water resistant	Waterproof, submersible, up to 1m
Field of view	★★★★★	★★★★★	★★★★★
Layers	MeoBright MeoShield	MC MeoShield	MC MeoShield
Light Transmission	87-89 %	82 %	80-85 %

# Accessories



## Tripod adapter

Firmly attaches the binocular to a tripod.



## 2x Converter

The 2x converter allows you to double the MeoStar B1 binocular magnification, thus turning it into a small spotting scope.



## Cleaning Kit

A special Meopta cleaning kit can be purchased to clean your optical device. It contains a high-quality 2-in-1 brush, lens cloth, cleaning blower, and cleaning liquid.





# Spotting scopes





## Common Snipe


It doesn't happen very often, but there are moments when I get the opportunity to photograph species which I would normally have a hard time finding in the Sumava Mountains. These are special coincidences, but they do happen, and always move me a step forward in understanding the way of life of individual species. Despite being mostly very short moments, they are beautiful and very intensive.


 MeoStar S2 oculars with a 30x-60x WA and 20x-70x bayonet with an extremely wide FOV.


 A wide central ring for comfortable focusing even while wearing gloves.


 MeoStar S2 features a tripod mount with rotatable collar for 360° rotation of the body. The mount is compatible with most Manfrotto tripod heads.


 MeoStar S1 and S2 spotting scopes are sealed and filled with an inert gas for 100% prevention of internal fogging.

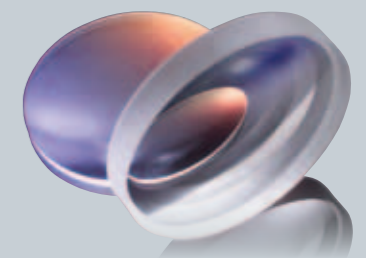
 The MeoBright antireflective coating ensures extraordinary light transmission on all air-to-glass optical surfaces.

 MeoDrop hydrophobic coating easily and quickly repels water and impurities

 Fluoride HD glass on select models suppress chromatic aberration and virtually eliminate colour fringing.

 The integrated sunshade protects the objective against heavy rain while preventing flares in sharp counterlight conditions.

 The MeoStar S2 body consists of durable aluminium and magnesium components - special alloys guarantee maximum strength while maintaining a low weight.



 MeoStar S2 82mm HD

**MEOBRIGHT**  
ION ASSISTED LENS COATINGS

**MEODROP**  
HYDROPHOBIC COATING



# MeoStar S2

Built to stand the rigors of the most demanding users, the MeoStar S2 82 HD is the pinnacle of optical/mechanical development for Meopta Sports Optics. At the heart of the advanced technologies found in the new S2 spotting scope are the 2-element high definition, extra low dispersion fluoride objective HD lens elements. The Al/Mg alloy body is fully rubberarmoured and comes with a choice of quick-release bayonet fitting eyepieces, making the S2 82 HD the ultimate precision observation instrument.

Most popular among avid bird watchers, the MeoStar S2 HD spotting scopes also fit for sports shooters to track long-range target hits. For hunting purposes, it can be recommended for the detailed observation of game from a stand.

## Parametres

- Sunshade with Aiming Point
- Central Focusing
- Al/Mg Body
- Ergonomic Shape
- MeoBright
- MeoDrop
- Nitrogen purged
- Waterproof
- Brilliant image
- HD Optics
- Interchangeable Eyepieces with Bayonet Connection

## Eyepiece Adapter

Our eyepiece adapter allows you to fit the 20-60x or 30x WA eyepieces, along with SLR/DSLR photoadapter from the S1 generation to the new S2 82 HD.



Eyepiece adapter



30xWA



20-60x

## Eyepieces with bayonet

The 30-60x WA eyepiece provides a constant 66° subjective field of view throughout the entire magnification range.



30-60x



20-70x

The 20-70x provides a 45° subjective field of view at 20x and a 63° subjective field of view at 70x magnification.



MeoStar S2 82mm HD

## At the mating grounds

At daybreak, bluish twilight interwoven with translucent fog was covering a nearby pasture. The dark scenery of the surrounding woods lined the background to the east, and a lark was waking up nature into a sunny morning with a spring song. Capercaillie mating was in full swing. "Gurgling" suddenly reverberated all around me. Every now and then one of the cocks took a short jump trying to hit a rival in a brawl. What a sight to behold!



# MeoStar S1

MeoStar S1 spotting scopes provide outdoor enthusiasts with top quality at an exceptional value. As standard with Meopta products, the S1 75 spotting scopes offer tremendous optical performance and discerning enthusiasts can step up to the HD version which renders crystal clear and sharp images even under the most difficult light conditions.

The MeoStar S1 is most popular among bird watchers. It is also suitable for sports shooters to track long-range target hits. For hunting purposes, it can be recommended for the detailed observation of game from a stand.

## Parametres

- MeoBright
- Sunshade with Aiming Point
- Central Focusing
- Aluminium Body
- Ergonomic Shape
- Nitrogen Purged
- Waterproof
- HD Optics
- Interchangeable Eyepieces

## Interchangeable Eyepieces



30xWA



20-60x



MeoStar S1 75mm  
MeoStar S1 75mm HD

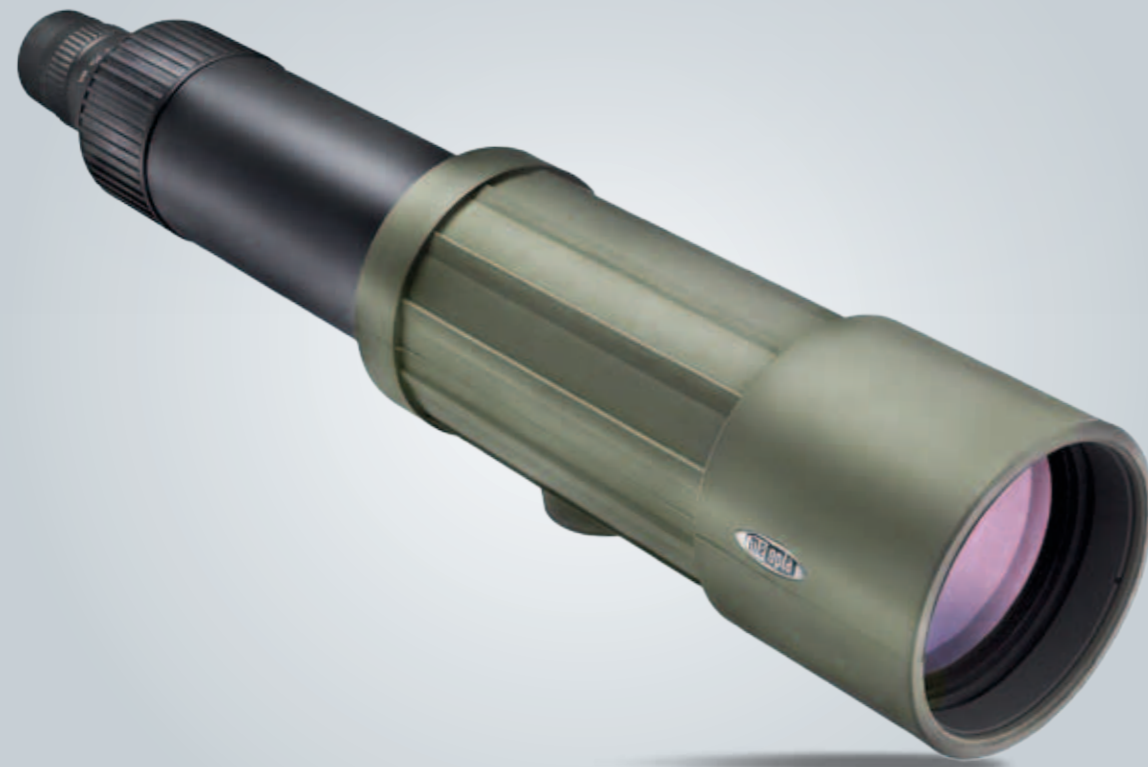
## Mating calls

A portly dark cock made mating calls with the pinions slouching and furrowing in the rough melting snow causing it to fly all around. The rising sun made it shine with fascinating colors, the chest shining green, dark brown feathers on both the pinions and the back, and a softly glimmering patch of gray on the neck. A beautiful moment which was forever engraved into my memory.



# TGA 75

Designed and engineered for the traditional European hunter, the TGA 75 offers extremely rugged design and function with superb optical performance. The collapsible design of the TGA 75 makes it an ideal spotting scope for backpackers and hunters who often have to traverse rocky terrain and need a lightweight, yet durable spotting scope.



The innovative design and ease of use, also means that you do not need to set up a tripod to observe with the TGA 75; simply find a comfortable location and a stable rock or tree to support the scope as you glass the area.

It is suitable to be used in adverse lighting conditions, while in a stand or backpacking and stalking.

## Interchangeable Eyepieces

Interchangeable eyepieces are the same as in the MeoStar S1 range, including an additional 30x WA-R wide-angle eyepiece featuring a range-finding reticle for simple determination of the range of the observed object.



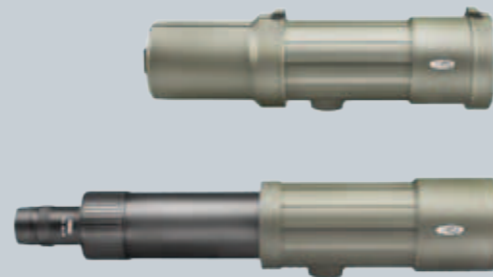
30xWA-R



30xWA



20-60x



# MeoPro 80 HD

NEW

A compact, high-quality, tripod-mounted spotting scope. The 80mm wide objective with fluoride optical elements provides incredible resolution and perfectly vivid colours while significantly eliminating chromatic aberration. Because of the integrated 20x-60x eyepiece,

remote objects can be observed with exquisite brightness and sharpness. The magnesium body is rubber-armoured, shockproof, waterproof, and filled with an inert gas to prevent internal fogging.



## Parameters

- MeoBright
- Sunshade with Aiming Point
- Central Focusing
- Mg/Al Body
- Ergonomic Shape
- Nitrogen Purged
- Waterproof
- Brilliant Image
- HD Optics

## Comparison of the individual spotting scope types by basic technical specifications

technical parameters p.44-47

	MeoStar S1 75	TGA 75	MeoStar S2 82 HD	MeoPro 80 HD
Properties	Waterproof, submersible Nitrogen-charged	Water resistant Without inert gas	Waterproof, submersible Nitrogen-charged	Waterproof, submersible Nitrogen-charged
Body	Aluminium alloys/ polycarbonate	Aluminium alloys	Aluminium/ magnesium alloys	Aluminium/ magnesium alloys
Finish	Painted	Rubber Armored	Rubber Armored	Rubber Armored
Ocular Thread Size	M34x0.75 Thread	M34x0.75 Thread	Bayonet Mount	Fixed
Objective Lens	HD/Standard	Standard	HD	HD
Coating	MeoBright / MeoShield	MC / MeoShield	MeoBright / MeoShield MeoDrop	MeoBright / MeoShield

# Accessories

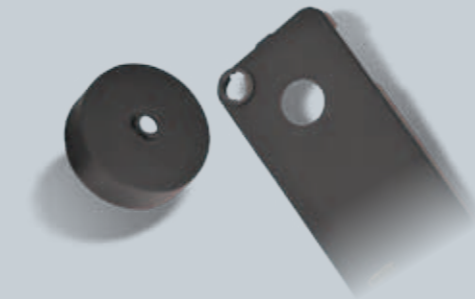
## MeoPix

The MeoPix adapter allows you to quickly and simply attach your smartphone to a Meopta binocular or spotting scope and capture stunning images or record HD quality video in the blink of an eye.



Meopix is available for these smartphones:

- iPhone 4/4S
- iPhone 5
- Samsung Galaxy S4



Quick-release mount allows removal of eyecup and permits the MeoPix body to be used as a protective phone case.

MeoPix are available to fit the spotter and binocular eyecup diameters listed below:

- 36.2mm
- 36.5mm
- 41.8mm
- 43.5mm
- 48mm
- 55.5mm
- 56.6mm
- 57mm
- 59.5mm
- 60.2mm



### Written About Us:

„This will become a must-bring accessory for anyone who wants to send real-time photos back to buddies while on a hunt.“

Field & Stream Magazine, September 2012

## S2 Rail

The tripod rail is an accessory to the MeoStar S2 spotting scope to ensure a better stability of the scope while on a tripod.



## Tripod



## Digiscoping

The Meopta photoadapter is designed for digiscoping with single lens reflex (SLR) cameras. In combination with a MeoStar S1 or S2 spotting scope, the simple photoadapter transforms your MeoStar spotting scope into an efficient telephoto lens, the quality of which is comparable with professional telephoto lenses. You can capture moments that pass most others by, and in detail that you never thought possible.



# Cleaning Kit

A special Meopta cleaning kit can be purchased to clean your optical device. It contains a high-quality 2-in-1 brush, lens cloth, cleaning blower, and cleaning liquid.



# Carrying Cases

MeoStar S1



MeoStar S2



# Meopta is a proud sponsor of the Czech Biathlon team.

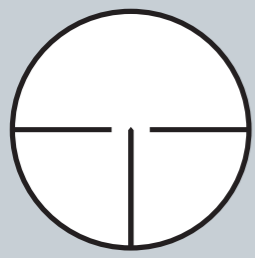


The Czech National Biathlon Team uses Meopta spotting scopes.

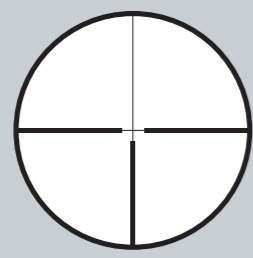


Meopta is also proud to support the Norwegian Biathlon team by providing premium quality MeoStar S2 82mm HD spotting scopes for use in all their trainings and competitions. The Norwegian National Biathlon Team uses the MeoStar S2 82 HD.

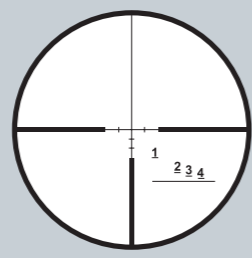




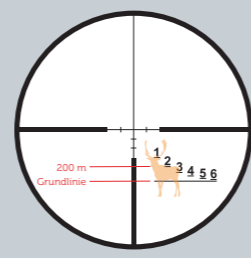
1



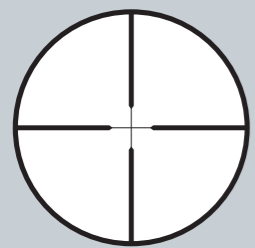
4



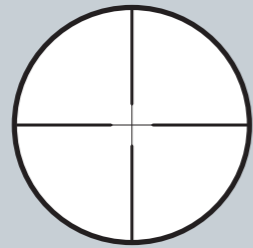
4A



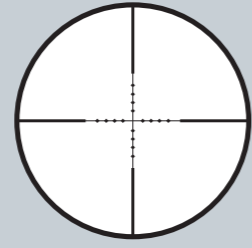
4B



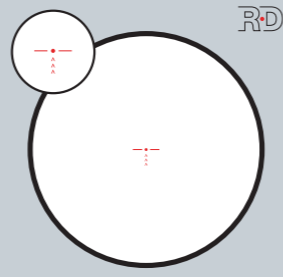
Z-Plex



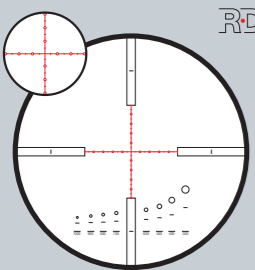
Z-Plex II



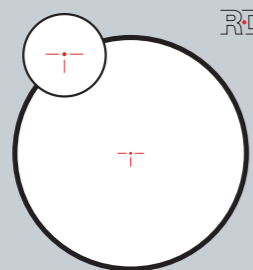
MilDot



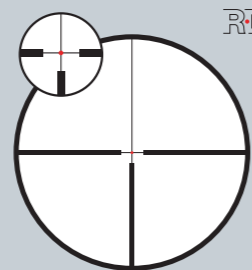
K-5.56 ZD - RD



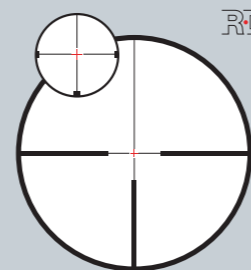
MilDot 2 - RD



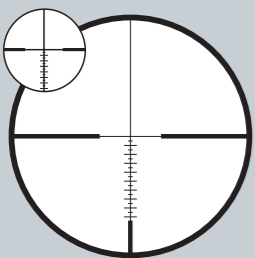
K-Dot - RD



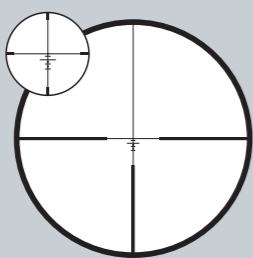
4C - RD



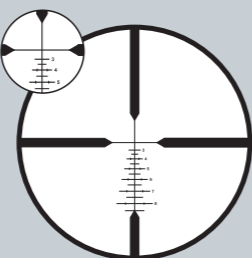
4K - RD



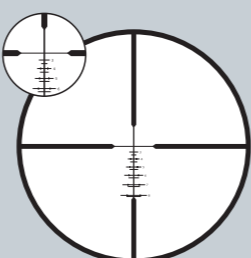
MMD



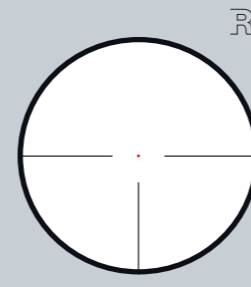
BDC



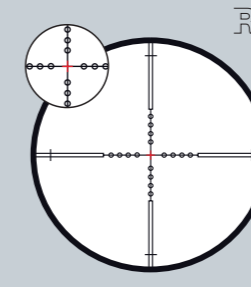
McWHORTER - MV



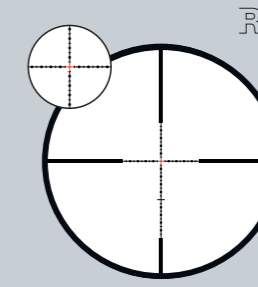
McWHORTER - HV



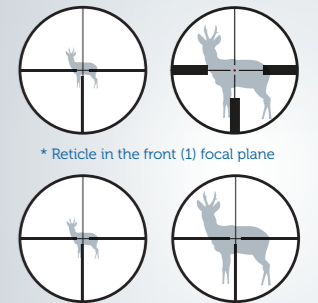
KDot 2



MilDot Special



MilDot 3



\* Reticle in the front (1) focal plane



\* Reticle in the rear (2) focal plane

Model	Focal Plane*	Non-Illuminated Reticles										Illuminated Reticles								
		1	4	4A	4B	Zplex	Zplex II	Mil-Dot	MMD	BDC	MW MV	4C	4K	KDot	MilDot 2	K-556ZD	Mil-Dot S	KDot2	MilDot 3	
<b>Artemis</b>																				
2100 3-12x50 RD	1																			
2100 7x50 RD	2																			
<b>MeoPro</b>																				
3-9x42	2		•			•			•	•										
3-9x50	2		•			•				•										
3.5-10x44	2		•			•				•										
3.5-10x44 RD	2																			•
4-12x50	2		•			•			•	•										
6-18x50	2							•	•	•										
6x42	2	•	•			•														
<b>ZD Tactical</b>																				
ZD 1-4x22RD	2																			•
ZD 4-16x44 RD	2																			•
ZD 6-24x56 RD	2																			•
<b>MeoTac</b>																				
3-12x50 RD	1																			•
<b>MeoStar R1</b>																				
R1 1-4x22	2	•	•					•												
R1 1-4x22RD	2																			•
R1 1-4x22RD/MR	2																			•
R1 1.5-6x42 RD	2																			•
R1 3-10x50	2	•	•					•					•							
R1 3-12x56	1	•	•			•	•													
R1 3-12x56 RD	1																			•
R1 4-12x40	2	•	•							•			•							
R1 4-16x44	2												•							
R1 7x56	2	•	•			•				•										
R1 7x56RD	2																			•
R1r 3-12x56	2		•							•										
R1r 3-12x56 RD	2																			•
R1r 3-12x56 RD/MR	2																			•
R1r 3-12x56 RGD	2																			•
<b>MeoStar R2</b>																				
R2 1-6x24 RD	2																			•
R2 1-6x24 RD/MR	2																			•
R2 2.5-15x56 RD	2																			•
R2 2.5-15x56 RD/MR	2																			•
R2 1.7-10x42 RD	2																			•
R2 2-12x50 RD	2																			•





MeoStar B1

	8x32	10x32	7x42	8x42	10x42	7x50	10x50	12x50	8x56	10x42 HD	12x50 HD	15x56 HD
Magnification	8 x	10 x	7 x	8 x	10 x	7 x	10 x	12 x	8 x	10 x	12 x	15 x
Objective Lens Diameter (mm)	32	32	42	42	42	50	50	50	56	42	50	56
Field of View (°)	7,92	6,35	7,84	7,84	6,30	7,21	6,30	5,25	6,35	6,31	5,24	4,20
Field of View at (m/1000m)	139	111	137	137	110	126	110	92	111	110	92	73
Eye Relief (mm)	15,5	16,3	21,8	17,4	15	22,5	17,4	15,0	21,5	15,0	15,0	15,2
Shortest Focusing Distance (m)	1,7	1,5	3,0	3,0	3,0	4,0	4,0	3,5	5,0	2,6	4,0	5,0
Exit Pupil Dia (mm)	4,0	3,2	6,0	5,3	4,2	7,1	5,0	4,2	7,0	4,2	4,2	3,7
Dioptric Correction (D)	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0
Weight (g) - without caps & strap	598	600	890	897	877	987	1020	1020	1120	898	1062	1230

MeoPro HD

MeoSport

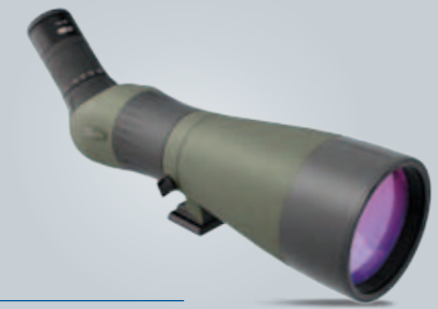
	HD 8x32	HD 10x32	HD 8x42	HD 10x42	8x25
Magnification	8,0 x	10,0 x	8,0 x	10,0 x	8 x
Objective Lens Diameter (mm)	32	32	42	42	25
Field of View (°)	8,40	6,70	7,20	6,70	6,30
Field of View at (m/1000m)	148	117	126	117	110
Eye Relief (mm)	17,0	15,0	20,0	17,0	16,0
Shortest Focusing Distance (m)	2,0	2,0	2,0	2,0	3,0
Exit Pupil Dia (mm)	4,0	3,2	5,3	4,2	3,1
Dioptric Correction (D)	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0
Weight (g) - without caps & strap	598	598	730	715	390



MeoSight III

MeoRed

	1x	1x
Magnification	1x	1x
Sight Lens (mm)	17 x 27	23,5 x 17
Aiming Point Size (MOA)	3	3/5
Weight (g)	36,6	30
Dimensions (mm)	46 x 26 x 31	47,5 x 27,4 x 26
Windage Adj. Range (MOA)	+/- 60	+/-60
Elevation Adj. Range (MOA)	+/- 60	+/-60
Battery Type	CR 2031/3V	CR 2032
Battery Life (hours)	1000	1000



MeoStar S1

	S1 75 HD		S1 75 Standard		Eyepieces	
	Angled	Straight	Angled	Straight	30x WA	20-60x
					min	max
Objective Lens Diameter (mm)	75					
Objective Lens Focal Length (mm)	329				11	16,2 5,55
Field of View (°)					2,14	1,8 0,9
Eye Relief (mm)					16,8	15,3 17
Shortest Focusing Distance (m)	4,25	4,25	4,18	4,18		
Dioptric Correction (D)	+/- 3					
Tripod Thread	1/4 - 20 + 3/4 - 16					
Length w/o Eyepiece (mm)	365	365	350	351	76	90
Weight w/o Eyepiece (g)	1 175	1 170	1 210	1 206	105	160

MeoStar S2

	S2 82 HD		Eyepieces			
	Angled	Straight	30-60x WA		20-70x	
			min	max	min	max
Objective Lens Diameter (mm)	82		82			
Objective Lens Focal Length (mm)	439		14,6	7,3	21,8	6,3
Field of View (°)			2,53	1,2	2,35	0,93
Eye Relief (mm)			18	18	18	18
Shortest Focusing Distance (m)	4,1	4,15				
Dioptric Correction (D)	+/- 3		+/- 3			
Tripod Thread	1/4 - 20 + 3/4 - 16					
Length w/o Eyepiece (mm)	340	326	116		118	
Weight w/o Eyepiece (g)	1 430	1 454	345		406	

TGA 75

	30xWA, 30xWA-R	20-60x
Objective Lens Diameter (mm)	75	
Objective Lens Focal Length (mm)		
Field of View (°)		
Eye Relief (mm)	38	31-16
Shortest Focusing Distance (m)	15	
Dioptric Correction (D)	6	6
Tripod Thread	+/- 5	
Length w/o Eyepiece (mm)	1/4 - 20 + 3/4 - 16	
Weight w/o Eyepiece (g)	250/375	
	1150	

MeoPro 80 HD

	20-60x	
	min	max
Objective Lens Diameter (mm)	80	
Objective Lens Focal Length (mm)	20	60
Field of View (°)	2	1,2
Eye Relief (mm)	20-18	
Shortest Focusing Distance (m)	6	
Dioptric Correction (D)	+/- 3	
Tripod Thread	1/4 - 20 + 3/4 - 16	
Length w/o Eyepiece (mm)	370	
Weight w/o Eyepiece (g)	1878	



# A BETTER VIEW OF THE WORLD



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