



# A BETTER VIEW OF THE WORLD



EUROPEAN  
OPTICS  
since  
1933

**MEOPTA**  
Sports Optics 2016/2017



# 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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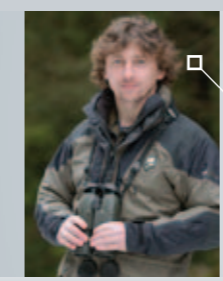
## Meopta & Biathlon 41

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### Connaissance de la Chasse 2015

MeoStar R2 2-12x50 RD was named the top optic choice among readers of French hunting magazine Connaissance de la Chasse. This prestigious award was earned based on the overwhelmingly positive responses of French hunters and the R2 bettered such riflescopes as the Zeiss Victory V8 1.8-14x50 and Leica Magnus 1.8-12x50.



### Marek Drha

The pictures in Meopta Sport Optics 2016 catalog were taken by a hunter and avid wildlife photographer Marek Drha.

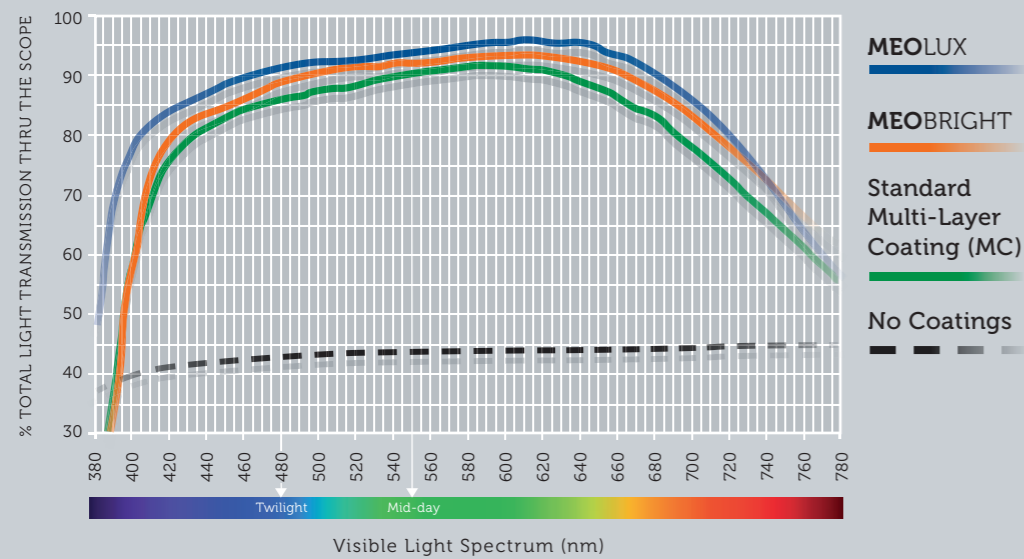
In his pictures of wildlife he captures not only the pure nature, but also the life and behavior of wild animals in their natural environment.

# 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.

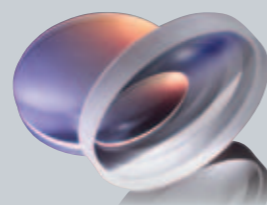


## MEOLUX

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



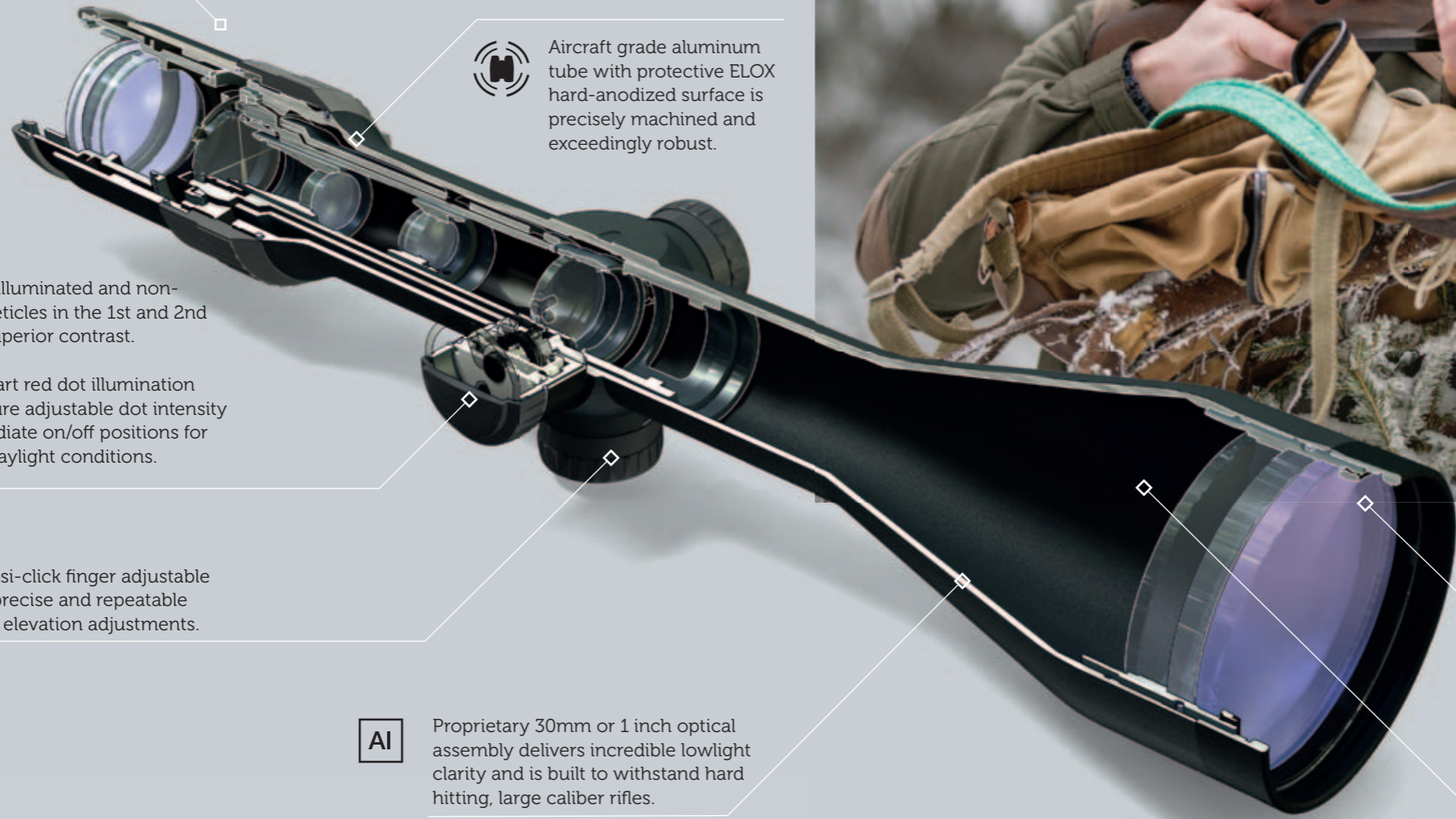
Meopta builds on its optical excellence, tradition and experience, and therefore provides a 30 year transferable warranty for selected products. Users may extend their warranty to 30 years on select newly purchased Meopta products via registration. Details and registration forms can be found at [www.meoptasportsoptics.com](http://www.meoptasportsoptics.com)

# Riflescopes

MeoStar R1r 3-12x56 RD



It was a chance encounter at the start of the Red Deer rut season. A meeting that lasted for only a moment. However, the overwhelming excitement flooding inside of me sparked the strong desire to hunt. Previously I had been out of luck; I could not find him. Until today. The old eight-point stag stood proudly at the edge of the forest, cautiously on guard. I calmed my nerves, steadied my hands and prepared to shoot...



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



### Meopta Twilight Optimized

Our proprietary MeoLux and MeoBright ion-assisted multi-coatings deliver maximum light transmission rates of 99,8% and 99,7% respectively per lens surface for superior low-light performance at dawn and dusk.

### The Competition

Standards Armulti-layer and single layer film coatings deliver low transmission rates at dusk and are less effective in reducing glare and reflections for reduced clarity and a dimmer view in all conditions.



### Meopta Sharp to The Edge

High-performance optical glass lenses and prisms are meticulously ground, polished and finished in -house to deliver maximum resolution and the widest, sharp to the edge field of view with no visible distortion

### The Competition

Generic optical glass and lower quality outsourced lens finishing and production contributes to optical problems such as vignetting, softer edge resolution, increased distortion and a reduction of usable field of view



### Meopta True Color Fidelity

MeoLux, MeoBright, MeoShield and MeoDrop ion-assisted multi-coatings deliver accurate color fidelity, increased clarity and added lens protection under the most challenging hunting conditions.

### The Competition

Non-optimized standard coatings cause color casts and contribute to poor color representation.

# MeoStar R2



MEOPTA  
**30**  
YEARS  
WARRANTY

Aimed at the premium hunting market segment, Meopta brings hunters features which are unbeatable 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 performance leader in the premium riflescope segment.

... I kneel humbly before the fallen deer and a stream of thoughts run through my head. The disappointment of each unsuccessful hunt since I first saw him. And then suddenly, the beautiful, pure joy of a successful hunt is drowned in momentary regret over a deer whose thread of life I severed with one simple movement of my trigger finger.

## Parameters

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



NEW

### MeoStar R2 8x56 RD

Specialist riflescope for use when hunting at dawn, dusk or in the middle of the night. In combination with our MeoStar B1 8x56 binocular you can ensure that the image you see with your riflescope will be the same as with your binocular. Ideally suited for Wild Boar hunting from a tree stand or high seat.



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



### MeoStar R2 1,7-10x42 RD



### MeoStar R2 2-12x50 RD



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

# MeoStar R1

Our benchmark series MeoStar R1 riflescopes are 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 \*
- Meopta Rail\*\*
- MeoTrak II
- Shockproof
- Nitrogen Purged
- 30 mm Aluminium Alloy Tube
- Waterproof

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



I advance cautiously, sensitive and aware of all my surroundings. Sometimes it drizzles, sometimes it rains. The forest stands ominously silent. I listen to the music of millions of drops falling on the treetops, the melancholic song of rain. I am not alone; I am a part of this.



\*\* 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 4-12x40



R1 1.5-6x42 RD



R1 4-16x44



R1 3-10x50



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 deliver 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



MeoPro 3-9x42



MeoPro 3.5-10x44  
MeoPro 3.5-10x44 RD



MeoPro 4-12x50



MeoPro 6x42



MeoPro 3-9x50



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

A leap forward, then a turn and with long, low jumps it disappears down the slope. For a moment I faltered; but then I steadied myself – the shot must have been on point. I am certain. But, I see nothing, only footprints of the escaping deer. No hair, no blood trail. I follow the footprints leading to high wet grass, flattened in all directions. Still no blood. It cannot be, I was sure of my shot. I am shocked with disbelief.

MEOPTA  
**30**  
YEARS  
WARRANTY

# 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
- 34 mm Aluminium Alloy Tube
- Waterproof
- Zero Stop Turrets



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
- 30 mm Aluminium Alloy Tube
- Waterproof



ZD 4-16x44 RD



ZD 1-4x22 RD



ZD 6-24x56 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.



Old deer. I appreciate them more and more. I'm fascinated by their way of life. A hidden way of life in which they can live on several acres, without being found. Or the clearly given hierarchy in wintering grounds near feeding racks. These are the true personalities of the deer world deserving our respect.

## 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.



### 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	Aircraft Grade Aluminium Alloys				
Tube Diameter (mm)	30	25.4	30	30	30	34
Magnification Range	4x	3x	4x	6x	4x	4x
Finish	Matte 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%

# Category of Use

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

## Adverse Light Conditions

Adverse light conditions are typical especially for still-hunting, such as in a high-seat.

The high light transmission value makes scopes 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 scopes are ensured 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 R2 8x56 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



I love being a part of the mountain forest. I try to understand it and learn from it. I study the lives of its inhabitants. I study closely the deer in their homeland. I know their habits. I know where there are walkways, resting haunts and rutting grounds.

## Wild Boar Hunting / Quick Shooting Situations

Scopes 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 sight 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

Red Dot Sights MeoSight III and MeoRed 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 3-12x50 RD

# Meopta for Long Range Shooting

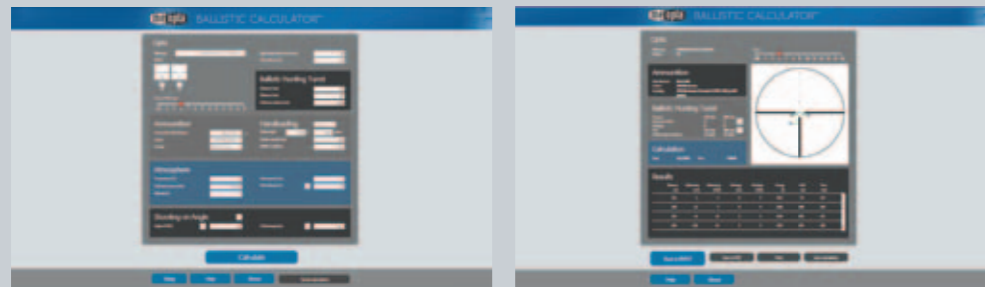
## Ballistic Calculator

NEW

The Meopta Ballistic Calculator helps simplify the challenges of long-range hunting and shooting. Detailed information regarding angle of inclination, and the effects of depth perception related to your target are just some of the key details provided. The main benefit are the precise distance measurements for every Meopta riflescope and reticle in our portfolio, with easy to understand graphical representations. The calculator is available online as well as a free App for all Android and iOS platforms.



<http://calculator.meoptasportsoptics.com>



For me, the deer rutting season is the most fascinating part of each year. These are the moments when I forget all worries and stop perceiving time. I use all my leisure time and spend substantial part of each day among the deer during the entire period.

## BHT

The Meopta 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 most Meopta riflescopes.

Available for MeoStar R2, MeoStar R1 and MeoPro riflescope series



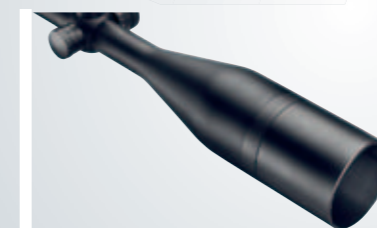
## Flip-Off Caps

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



## Sunshade

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



# Binoculars

## MeoStar B1 10x42 HD



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



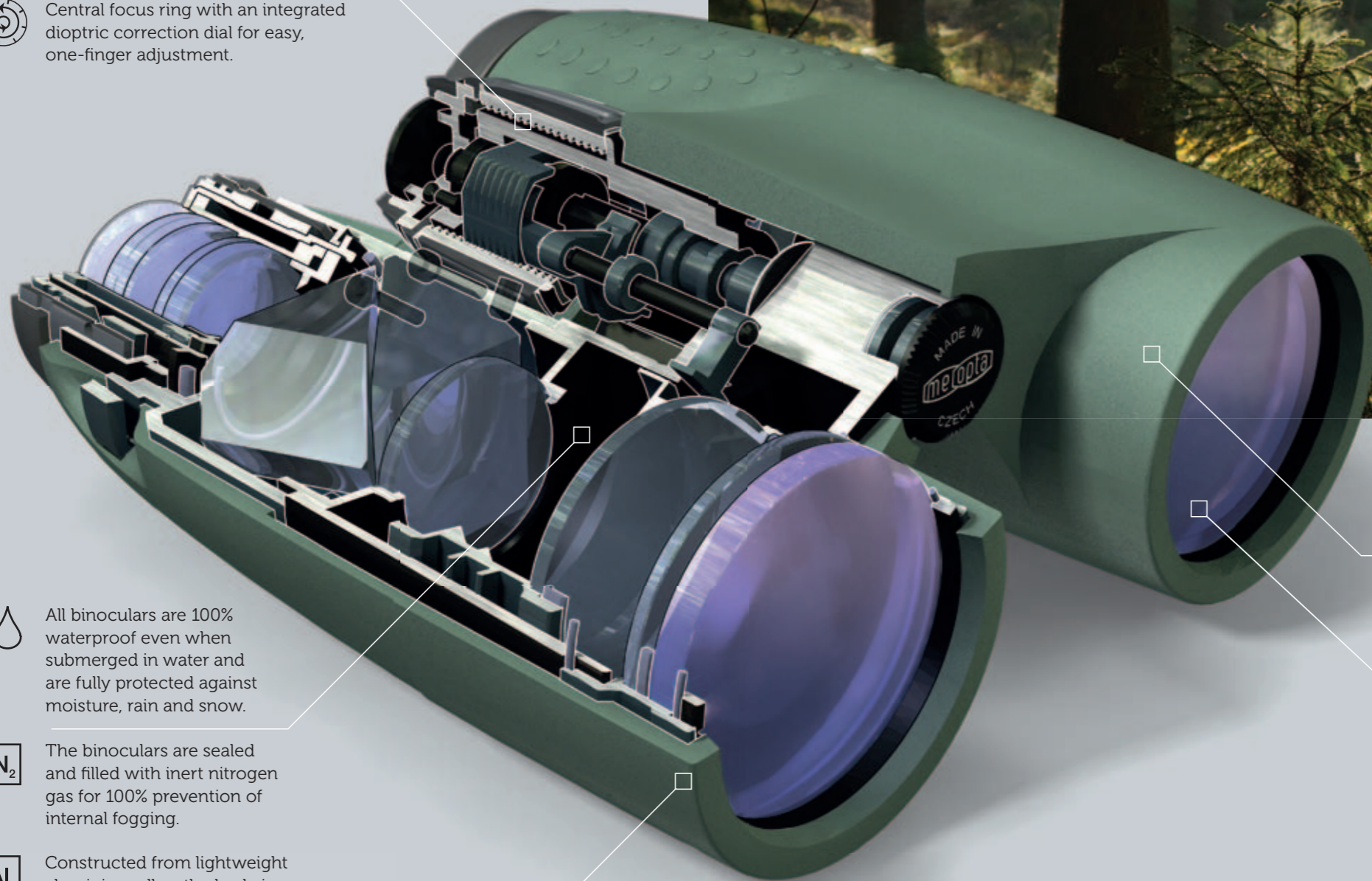
All binoculars are 100% waterproof even when submerged in water and are fully protected against moisture, rain and snow.



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



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



In the rays of the rising sun he is approaching. I hear the breaking of branches and I can see him already. Strong, wideantlers ending with a crown. A medium-old deer. I am standing behind a tree, calmly watching him, enjoying the atmosphere. I know now that I have won.



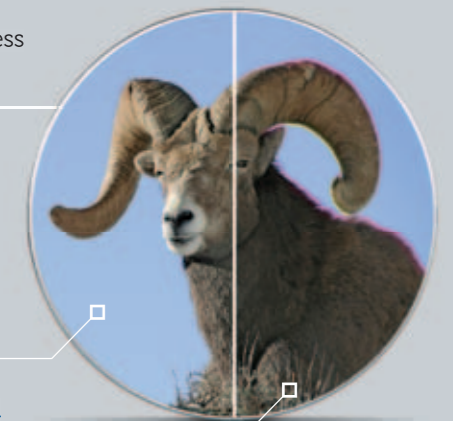
The protective rubber lining is soft and designed to provide a comfortable grip.



The MeoBright antireflective coating ensures extraordinary light transmission properties.



Fluoride HD glass elements to suppress chromatic aberration.



Meopta HD Fluoride Lenses

The Competition

# MeoStar B1

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

MEOPTA  
**30**  
YEARS  
WARRANTY



GRAY'S  
BEST  
2016

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



MeoStar B1 8x32  
MeoStar B1 10x32



MeoStar B1 7x42  
MeoStar B1 8x42



MeoStar B1 7x50  
MeoStar B1 10x50



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. The MeoSport 8x25 is ideal for beginner binocular users, day-travelers or anyone interested in exploring the beauty of the world.



# MeoPro HD

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 8x42 HD  
MeoPro 10x42 HD



MeoPro 8x32 HD  
MeoPro 10x32 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  
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## 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



I proceeded slowly and cautiously. I was a bit worried about the wind. In the mountain valleys it is often unpredictable and changes direction frequently. I was silent, motionless, and my heart was pounding. I stood in the middle of „my universe“ and enjoyed the wild and free view; face to face with a huge deer.

## 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

Securely 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 to clean your optical device. It contains a high-quality 2-in-1 brush, lens cloth, cleaning blower, and cleaning liquid.



# Spotting Scopes



The eerie silence before dawn as a cool summer morning is born. The haze above the plain slowly disappeared in the bright sunlight and crystal beads of rich dew stung my eyes.

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

MeoStar S2 82mm HD

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.

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

**N<sub>2</sub>** MeoStar S1 and S2 spotting scopes are sealed and filled with an inert gas for 100% prevention of internal fogging.

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

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 suppresses chromatic aberration and virtually eliminates colour fringing.

Meopta HD Fluoride Lenses



The Competition



# 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 rubber-armoured 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.

## Parameters

- 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.

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



30-60x

20-70x



MeoStar S2 82mm HD



The smell of resin and damp moss embraces everything as the fresh breeze gusts in its wake. I wander through the remote parts of the dark forest, where each green meadow gives the impression of an oasis. The desolation and loneliness of these places has its own magic, a favourite for the deer for day-long grazing.



# 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 expect 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.

Dawn. The wind died down and the forest chatter ceased abruptly. I stand still, alert, observant. Anxious with expectations, my sight is fixed at the bluish curtain of an open-air theatre. I can hardly breathe as everything is gradually lighting up and I can recognize the outlines of a doe and her fawn.

## Parameters

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

## Interchangeable Eyepieces



30xWA



20-60x

MeoStar S1 75mm



# 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 observe the area.

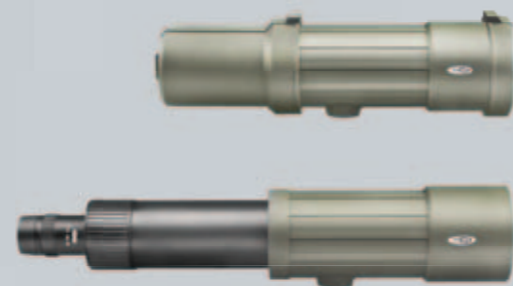
It is suitable to be used in adverse lighting conditions, while in a stand, backpacking or stalking.

## Parameters

- MeoBright
- Alluminium Body
- Lightweight
- Compact
- MeoShield
- Rubber Armoured

## 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.



Spring was in full swing and everything around was teeming with life. The next generation of fawns was playing in the dense turf long after dawn, filled with tireless energy and reckless carelessness. For me, these unrepeatable moments filled with wonderful experiences are the best reward for getting up early in the morning.

## 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
Properties	Waterproof, Submersible Nitrogen-charged	Water Resistant Without inert gas	Waterproof, Submersible Nitrogen-charged
Body	Aluminium Alloys/ Polycarbonate	Aluminium Alloys	Aluminium/ Magnesium Alloys
Finish	Painted	Rubber-Armoured	Rubber-Armoured
Ocular Thread Size	M34x0.75 Thread	M34x0.75 Thread	Bayonet Mount
Objective Lens	Standard	Standard	HD
Coating	MeoBright / MeoShield	MC / MeoShield	MeoBright / MeoShield MeoDrop

# 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 fits 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



## 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 most of others miss, and in detail that you never thought was 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.

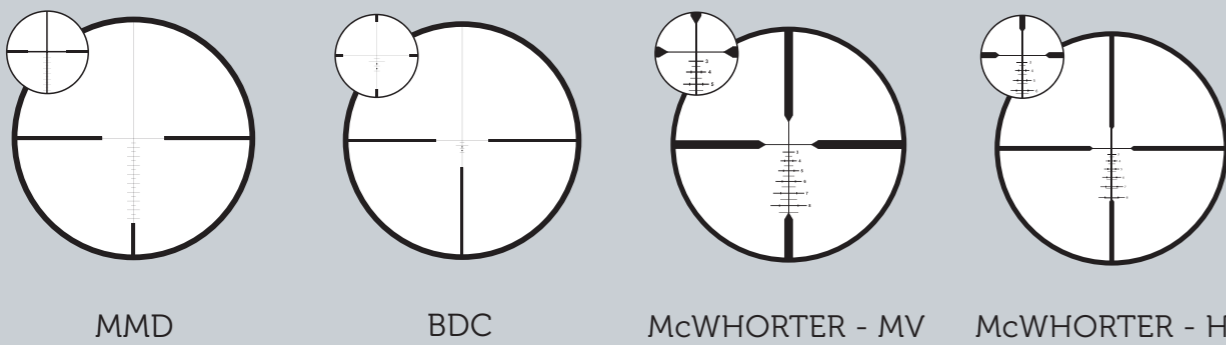
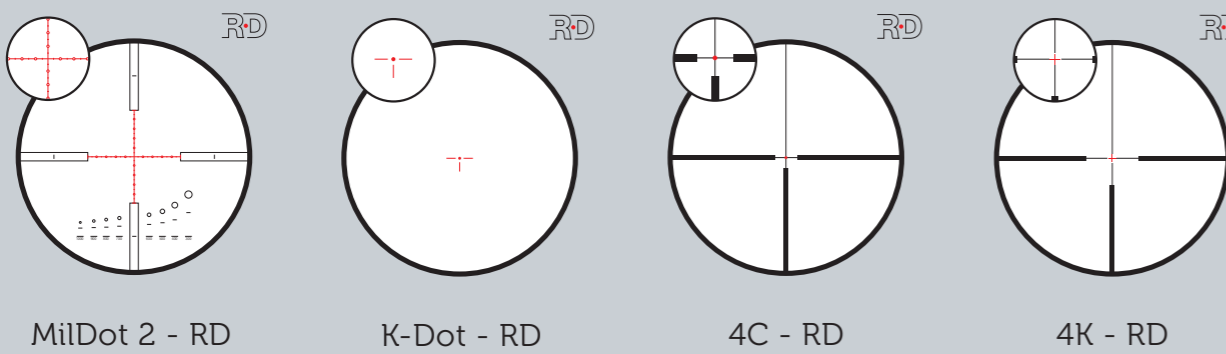
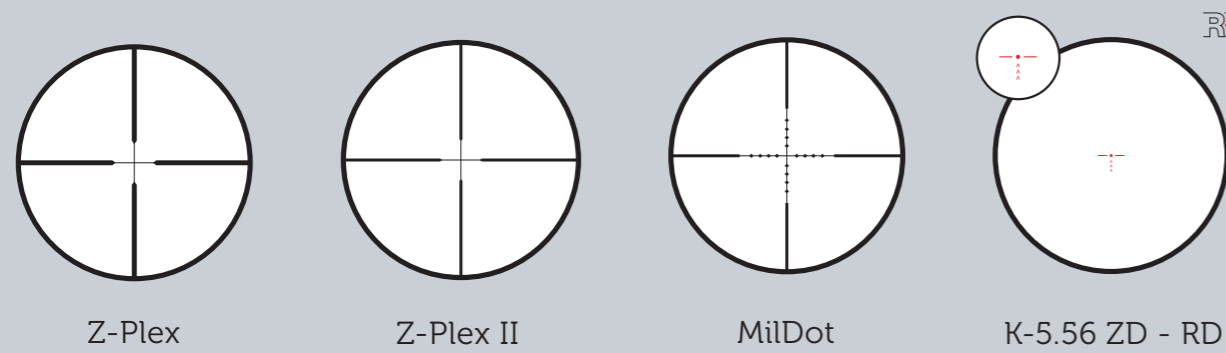
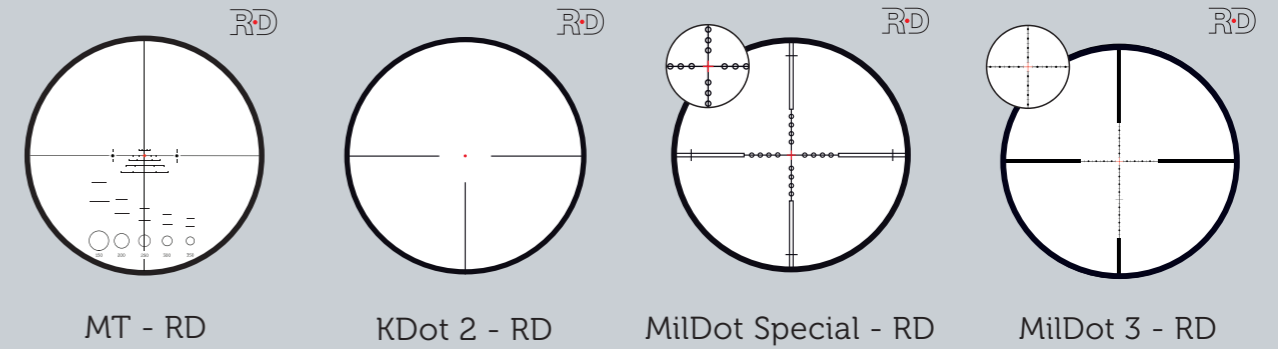
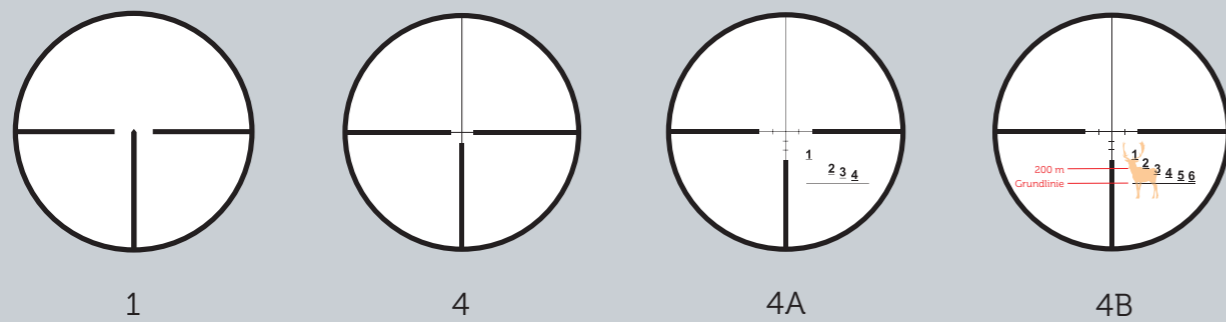
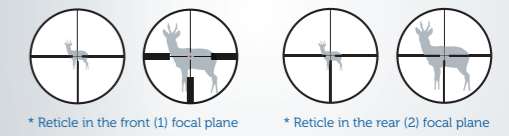


The Czech National Biathlon Team uses Meopta spotting scopes.



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.





Model	Focal Plane*	Non-Illuminated Reticles											Illuminated Reticles										
		1	4	4A	4B	Zplex	Zplex II	Mil-Dot	MMD	BDC	MW MV	MW HV	4C	4K	KDot	MilDot 2	K-5.56ZD	MilDot 3	KDot2	MT	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																						
R2 8x56 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

	HD 8x32	HD 10x32	HD 8x42	HD 10x42	HD 8x56	8x25
Magnification	8,0 x	10,0 x	8,0 x	10,0 x	8,0 x	8 x
Objective Lens Diameter (mm)	32	32	42	42	56	25
Field of View (°)	8,40	6,70	7,20	6,70	6,00	6,30
Field of View at (m/1000m)	148	117	126	117	105	110
Eye Relief (mm)	17,0	15,0	20,0	17,0	18,5	16,0
Shortest Focusing Distance (m)	2,0	2,0	2,0	2,0	2,2	3,0
Exit Pupil Dia (mm)	4,0	3,2	5,3	4,2	7,0	3,1
Dioptric Correction (D)	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0
Weight (g) - without caps & strap	598	598	730	715	1030	390



MeoSight III

MeoRed

	MeoSight III	MeoRed
Magnification	1 x	1 x
Sight Lens (mm)	17 x 27	23,5 x 17
Aiming Point Size (MOA)	3	3
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		Eyepieces	
	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)	4,18	4,18		
Dioptric Correction (D)	+/- 3			
Tripod Thread	1/4 - 20 + 3/4 - 16			
Length w/o Eyepiece (mm)	350	351	76	90
Weight w/o Eyepiece (g)	1 210	1 206	105	160

MeoStar S2

	S2.82 HD		Eyepieces	
	Angled	Straight	30-60x WA	20-70x
			min	max
Objective Lens Diameter (mm)	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	+/- 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	
Field of View (°)	38	
Eye Relief (mm)	15	
Shortest Focusing Distance (m)	6	
Dioptric Correction (D)	+/- 5	
Tripod Thread	1/4 - 20 + 3/4 - 16	
Length w/o Eyepiece (mm)	250/375	
Weight w/o Eyepiece (g)	1150	



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