

USA 

A BETTER  
VIEW  
OF THE  
WORLD

**meopta**

MEOPTA  
Sport Optics 2018

EUROPEAN  
OPTICS  
since  
1933

A BETTER  
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WORLD



# THE MEOPTA STORY SINCE 1933

In 1933, a physics professor at the University of P̣rerov, Alois Mazurek, partered with engineer Alois Benes to develop a small facility in P̣rerov called Optikotechna to manufacture a variety of optics.



Alois Mazurek



Alois Benes



The company quickly expanded its initial small-scale production with a range of enlargers, cameras and projectors and made inroads into military scopes.

Meopta's history mirrored the tumultuous events of the 20th century. The company survived and thrived despite long periods where it and its country were subject to outside influences.

After the second world war, the company was nationalized, spun off and renamed Meopta where it began to grow and expand into new markets including cinema.

The Meopta sports optics business dates back to 1934 when it developed binoculars for both civilian and military applications as well as a compact telescopic rifle scope site.

Spotting scopes have been apart of the Meopta line up since the mid-1950s

with a compact 25x60 spotter. Throughout its history Meopta has produced many hit products including the Flexaret camera, the Mikroma mini-camera, and the Axomat, Opemus and Magnifax photo enlargers. Its globally noteriety however expanded greatly with the expansion of its sports optics line in the 1990s.

The launch of Meopta's flagship MeoStar line of binoculars, riflescopes and spotting scopes was a watershed moment for Meopta. These products allowed the company to channel its extensive optical knowledge in the military and industrial fields to bring thet clearest and most durable optics to hunters, shooters and birders around the world.

Modern day Meopta has also has its roots in the 1990s when the company had to find its footing after being privatized admist the rapid decline of its military business. With the support of employees and managers and,

ultimately, the intervention of new ownership-Czech-American Entrepreneur, Paul Rausnitz-the company transformed itself into an advanced technology enterprise with extensive R&D resource and strong infrastructure.

Today, Meopta develops and produces specialized optical and optico-electronic systems for industries ranging from military, semiconductor, to digital cinema, medical and many others. Moreover, Meopta has no plans to slow down as it spent much of 2017 acquiring new assets and IP, and expanding its US operations with a new high tech production facility.



## 1934

First Binocular is Produced.



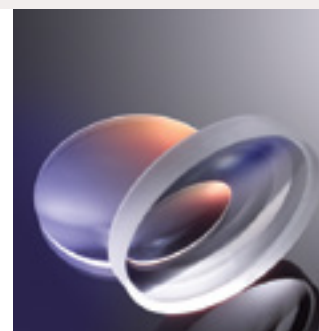
## 1950

Meopta became one of the biggest enlarger manufacturers in the world and the only cinema projector manufacturer in Central/East Europe.



## 1971

Expansion of military production.



## 2002

Paul Rausnitz becomes an owner of the company.



## 2018

Meopta celebrates its 85th Anniversary as one of the top producers and developers of optical systems in the world.

## 1933

Alois Benes established company Optikotechna in Prerov. Alois Mazurek created Czechoslovakia's first enlarging lens.



## 1946

Optikotechna renamed to Meopta National Enterprise.



## 1958

EXPO 58 Grand Prix rating for projector Meoptaon III.



## 1991

Meopta is fully privatized and remains the only optical enterprise in Czech Republic and a key supplier to global customers requiring premium optics.



## 2007

Significant investments in technological development.



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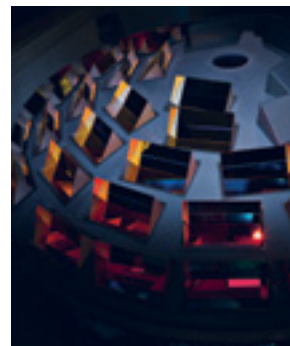
Meopta

# PRECISION OPTICS SINCE 1933



Meopta is a global company with a long, rich tradition of developing, manufacturing and assembling world-class optical, opto-mechanical and optoelectronic products.

Since 1933, we've been making the world's finest optics, built to maximize transmission of light to your eyes. Our proprietary MeoLux™ and MeoBright™ ion-assisted multi-coatings are as close to perfect as physics allows, with transmission rates of 99.8% and 99.7% respectively, per lens surface (the highest in the industry). This means a Meopta® riflescope, binocular or spotter will deliver more light to your eyes in twilight than any other sports optic brand. With a Meopta® optic, you'll see more and hunt longer - guaranteed.



## CONTENTS

Optical Excellence .....	6
Riflescopes .....	8
MeoStar R2 .....	10
MeoStar R1 .....	12
MeoPro .....	14
MeoTac .....	16
ZD .....	17
Category of Use .....	18
Comparison by Specification .....	20
Red Dot Sights .....	21
Long-range shooting .....	22
Binoculars .....	24
Comparison by Specification .....	26
MeoStar B1 .....	28
MeoPro HD .....	29
MeoSport .....	29
Accessories .....	30
Category of Use .....	30
Spotting Scopes .....	32
MeoStar S2 .....	34
MeoPro 80 HD .....	36
TGA 75 .....	38
Accessories .....	40
Meopta & Biathlon .....	42
Technical Parameters .....	44
Reticles .....	46
Riflescopes .....	48
Binoculars .....	50
Spotting Scopes .....	51

A BETTER  
VIEW  
OF THE  
WORLD

# TWILIGHT OPTIMIZED™



Some of the best hunting happens in the worst light and weather conditions. The twilight of dawn and dusk, cloud cover, haze, rain, snow or deep shadow don't care that you're lining up a 14-point trophy buck... but, thankfully, we do.

## MEOLUX

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

## MEODROP 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.



## MEOBRIGHT ION-ASSISTED LENS COATINGS

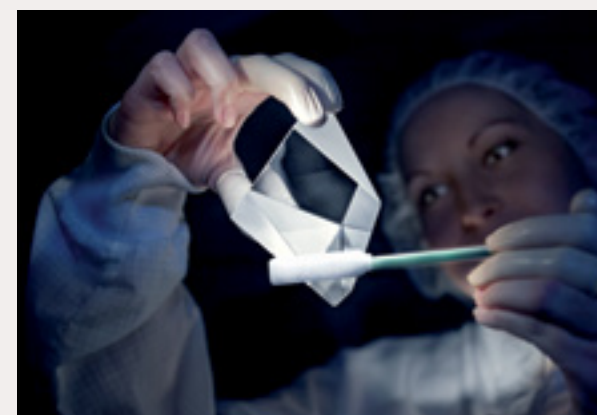
Our high-performance ion-assisted multi-coating featured on MeoStar R1, MeoPro and ZD series riflescopes, MeoStar binoculars and MeoStar S1 and S2 spotting scopes. MeoBright delivers outstanding light transmission per lens surface while suppressing reflection and glare. MeoBright multi-coated optics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

## MEOSHIELD ANTI-ABRASION LENS COATING

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



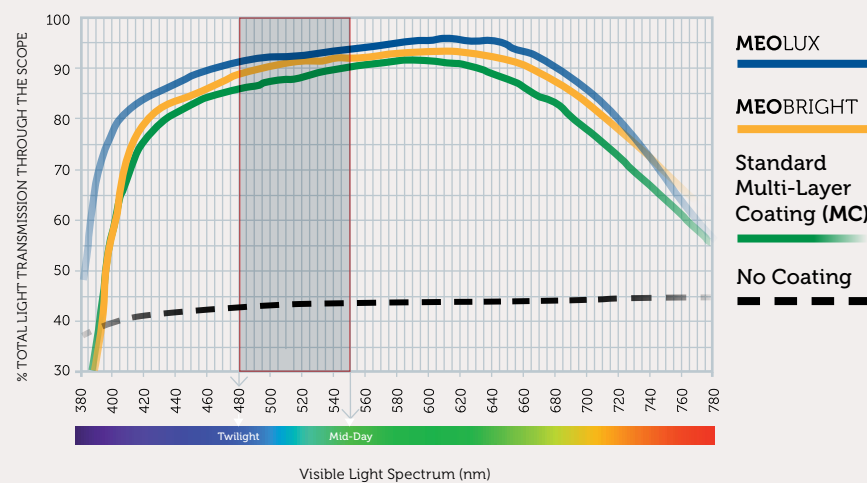
TWILIGHT  
EXPERT



## 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.

With 85 years of making the world's best optics, we know how to maximize light transmission, visual clarity and optical excellence. Our newest MeoLux and MeoBright ion-assisted multi-coatings deliver the industry's most incredible light transmission per lens surface. This means a Meopta riflescope, binocular or spotter will let you see more, better and longer.



## LIFETIME WARRANTY

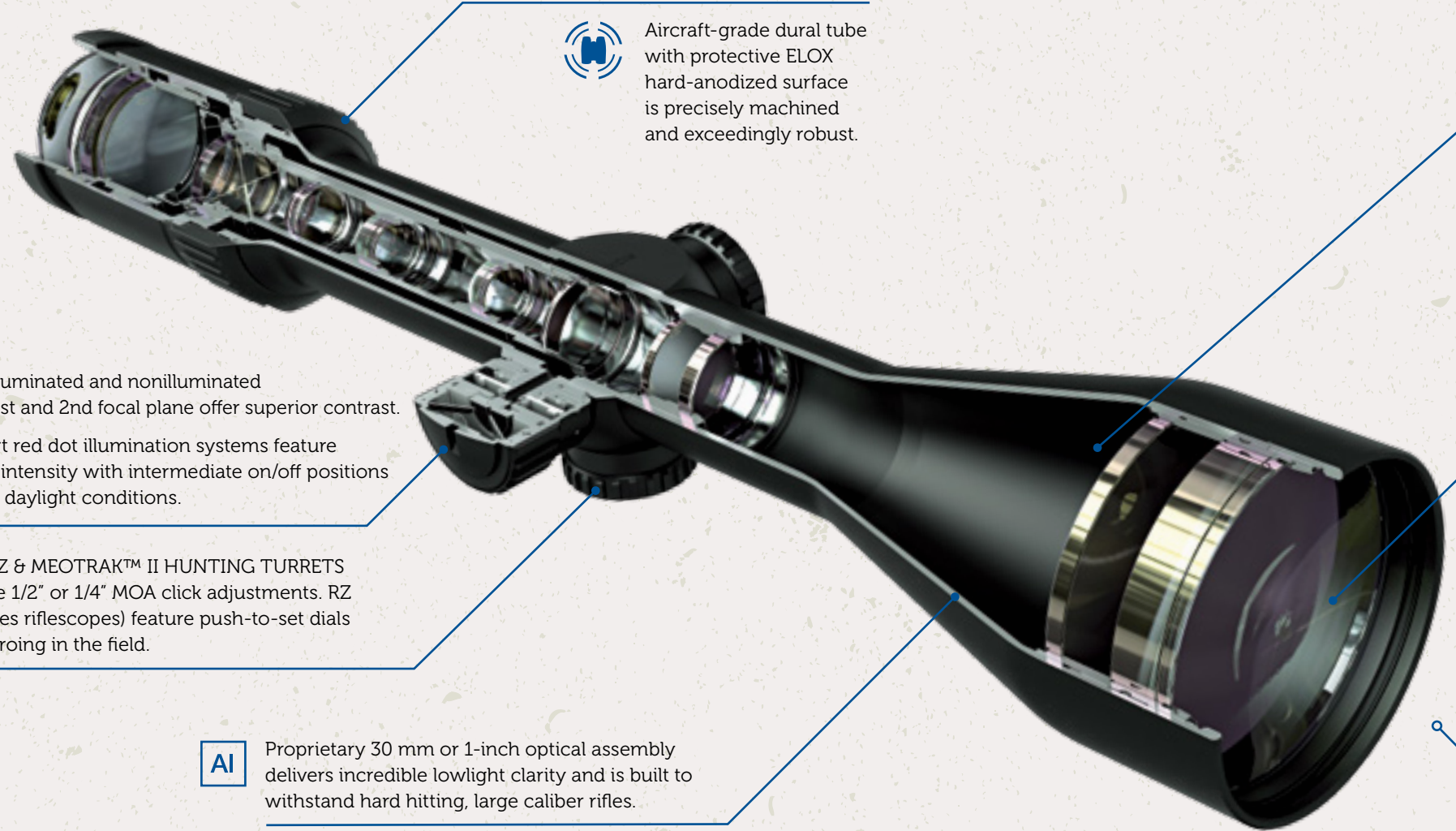
Meopta builds on its optical excellence, tradition and experience, and therefore provides a lifetime warranty for selected products. Users can register to extend their warranty to lifetime on select newly purchased Meopta products. Details and registration forms can be found at [www.meoptasportsoptics.com](http://www.meoptasportsoptics.com)

# RIFLESCOPES

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VIEW  
OF THE  
WORLD

Our reputation is built on making the brightest optics in hunting and we've got the products to back it up. The flawless optical performance and unmatched accuracy of our European-crafted riflescopes give you the confidence to stay in the hunt when darkness has forced those with lesser optics to pack up and head home. From the dark hardwood forests of the East, to the vast mountains and plains of the West, to banging steel targets at the range, there's a Meopta® riflescope to raise your game.

Riflescopes



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

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

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

**L** Meticulously ground and polished lenses are multicoated with MeoLux™ or MeoBright™ anti-reflective lens coatings for maximum optical performance and light transmission.

**MeoStar R2 2.5 15x56 RD**

**R** Etched-glass illuminated and nonilluminated reticles in the 1st and 2nd focal 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.

**T** MEOTRAK™ RZ & MEOTRAK™ II HUNTING TURRETS Deliver positive 1/2" or 1/4" MOA click adjustments. RZ turrets (R2 series riflescopes) feature push-to-set dials for quick re-zeroing in the field.

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



Meopta  
Competition

## MEOPTA® TWILIGHT OPTIMIZED

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

Standard AR multi-layer coatings deliver low transmission rates at dusk and are less effective in reducing glare and reflections for reduced clarity and a visibly dimmer view.



Meopta  
Competition

## 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 and no visible distortion.

### THE COMPETITION

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



Meopta  
Competition

## 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.

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**BORN IN EUROPE.  
HUNTS  
THE WORLD.**

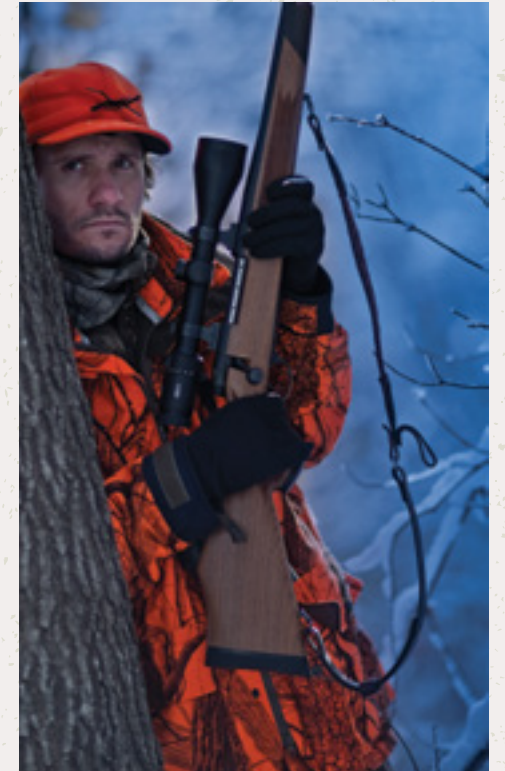
# MEOSTAR R2

**M**eoStar R2 and R1 series riflescopes are handbuilt with incredible precision at our Czech headquarters in Europe and embody the ultimate in premium-class hunting optics. MeoStar R2 delivers maximum brightness with MeoLux™ ion-assisted multi-coatings – giving 99.8% light transmission per lens surface – for absolute twilight performance.



### Features

- » 30MM MAIN TUBE
- » MEOLUX™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » REDZONE™ ILLUMINATION
- » 1/2" OR 1/4" MOA ADJUSTMENT
- » MEOTRAK™ RZ TURRETS
- » MEOQUICK™ EYEPIECE
- » NITROGEN PURGED
- » WATERPROOF
- » MADE IN EUROPE



△ MeoStar R2 8x56 RD

When your game roams the twilight to the dead of night, this incredibly bright 56 mm scope delivers maximum light transmission with MeoLux™ coatings, while its RedZone™ illumination precisely defines your target. Highly defined red dot illumination with 8 levels of reticle intensity delivers crucial accuracy in daylight to dead of night conditions. Intermediate off positions between each level.



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



△ MeoStar R2 2-12x50 RD



△ MeoStar R2 1.7-10x42 RD



△ MeoStar R2 2.5-15x56 RD  
MeoStar R2 2.5-15x56 RD/MR \*

\*Meopta Rail is a special clamping system.



**SEE MORE.  
HUNT LONGER.**

A BETTER  
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OF THE  
WORLD

# MEOSTAR R1

**P**urpose built for hunting and target shooting requiring precision shot placement over extended distances. MeoBright™ coatings and TO2™ optimization delivers 99.7% light transmission per lens surface. An objective mounted parallax control keeps long-range rounds on target while its optimized to add extra brightness. MeoTrak™ II hunting turrets deliver precise audible and tactile clicks and let you dial up 1/4" MOA adjustments for incredible accuracy.



UNMATCHED  
IN ITS CLASS.

BORN IN EUROPE.  
HUNTS THE WORLD.

### Features

- » 30MM DURAL TUBE
- » MEOBRIGHT™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » PARALLAX ADJUSTMENT
- » 1/4" MOA ADJUSTMENT
- » MEOTRAK™ II TARGET TURRETS
- » MEOQUICK™ EYEPIECE
- » NITROGEN PURGED
- » WATERPROOF
- » MADE IN EUROPE



△ MeoStar R1 1-4x22  
MeoStar R1 1-4x22 RD



△ MeoStar R1 4-12x40



△ MeoStar R1 1-4x22 RD/MR \*\*



△ MeoStar R1 1.5-6x42 RD



△ MeoStar R1 7x56  
MeoStar R1 7x56 RD



△ MeoStar R1 3-10x50



△ MeoStar R1 3-12x56  
MeoStar R1 3-12x56 RD



△ MeoStar R1r 3-12x56 RD  
MeoStar R1r 3-12x56 RGD  
(red/green illuminated dot options)



△ MeoStar R1r 3-12x56 RD/MR \*



△ MeoStar R1 4-16x44

\*Meopta Rail is a special clamping system.



MADE FOR US MARKET

# MEOPRO

**M**eoPro® series 1" riflescopes combine exceptionally high optical performance with incredible affordability and value no other riflescope in its class can match. Built and optically fine-tuned in our European headquarters and manufacturing facility, each MeoPro® riflescope is ready to hunt or guide long-range rounds at the range. Proprietary MeoBright™ ion-assisted multi-coatings deliver amazing brightness at twilight while the flawlessly assembled mechanics shrug off abuse and are guaranteed for life. Mount a MeoPro® riflescope on your best firearm and shoot with ultimate confidence.



MEDIUM-RANGE SCOPES. OUR WORKHORSE OPTICS.



Features

- » 1" MAIN TUBE
- » MEOBRIGHT™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » 1/4" MOA ADJUSTMENT
- » MEOTRAK™ RZ TURRETS
- » MEOQUICK™ EYEPIECE
- » NITROGEN PURGED
- » WATERPROOF
- » ASSEMBLED IN EUROPE



Optics & coatings 40 mm to 50 mm objectives suit preferences towards low scope height or maximizing brightness. MeoBright™ coatings for incredible light transmission and MeoShield™ coated for abrasion and scratch resistance and protection.



△ MeoPro 6x42



△ MeoPro 3-9x40



△ MeoPro 3.5-10x44  
MeoPro 3.5-10x44 RD



△ MeoPro 3-9x50



△ MeoPro 4-12x50



△ MeoPro 6-18x50



△ MeoPro 4.5-14x44  
MeoPro 4.5-14x44 Target



△ MeoPro 4.5-14x50  
MeoPro 4.5-14x50 Target



△ MeoPro 6.5-20x50  
MeoPro 6.5-20x50 Target



A BETTER VIEW OF THE WORLD



# TACTICAL OPTICS

A BETTER VIEW OF THE WORLD



PREVAIL IN THE MOMENT



## MEOTAC



**F**rom competition to combat. The fearless men and women who protect the innocent need optics that perform flawlessly in any and all situations. Built in Europe and deployed around the world, our MeoTac® and reflex sights withstand the punishment of combat as well as the day-to-day rigors of law enforcement, competition and serious target work.

European built 34 mm tactical optic with next-generation coatings for extreme brightness and resolution. Mil-Mil adjustments and zero-stop ensure precise operation.

### Features

- » 34MM MAIN TUBE
- » MEOLUX™ COATINGS
- » MEODROP™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » RD ILLUMINATION
- » 05 MIL ADJUSTMENT
- » ZERO STOP TACTICAL TURRETS
- » MEOQUICK™ EYEPIECE
- » NITROGEN PURGED
- » WATERPROOF
- » MADE IN EUROPE
- » LIFETIME WARRANTY



△ MeoTac 3-12x50 RD

WHEN SUCCESS IS THE ONLY OPTION



## ZD

**I**f you're a professional seeking an optic that thrives in the most challenging environments, the Meopta tactical optic line will deliver the rapid handling, durability and accuracy you need to prevail when you lay everything on the line. European-built 30 mm tactical riflescopes delivering ultimate brightness, ruggedness and incredible shooting accuracy in competition or the heat of battle.

### Features

- » 30MM MAIN TUBE
- » MEOBRIGHT™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » RD ILLUMINATION
- » 1/2" MOA ADJUSTMENT
- » 05 MIL ADJUSTMENT
- » MEOQUICK™ EYEPIECE
- » NITROGEN PURGED
- » WATERPROOF
- » MADE IN EUROPE
- » LIFETIME WARRANTY



△ ZD 1-4x22 RD



△ ZD 4-16x44 RD



△ ZD 6-24x56 RD

# CATEGORY OF USE

Category of Use

Riflescopes



## TWILIGHT EXPERTS

### 50/56 MM GLASS LETS YOU LIFT THE COVER OF DARKNESS.

When the light turns low, a 56 mm objective riflescope can make the difference between dropping that 14-point trophy buck or heading home empty handed. TO2™ optimization combined with MeoBright™ coatings delivers an incredible 99.7% light transmission per lens surface. RedZone™ illumination (select models) provides a variable, bright, precise point of aim, and the MeoTrak™ II hunting turrets give you exacting, finger-adjustable 1/4" MOA clicks for repeatable accuracy. Get ready to lift the cover of darkness on your next hunt.

- » MeoStar R1 7x56 / RD
- » MeoStar R2 8x56 RD
- » MeoStar R2 2-12x50 RD
- » MeoStar R2 2.5-15x56 RD / MR
- » MeoPro 3-9x50
- » MeoStar R1 3-10x50
- » MeoStar R1 3-12x56/RD/R1r/MR/RGD
- » MeoPro 4-12x50
- » MeoPro 4.5-14x50
- » MeoPro 4.5-14x50 Target
- » MeoPro 6-18x50
- » MeoPro 6.5-20x50
- » MeoPro 6.5-20x50 Target



## MOVING TARGET

Scopes with a small objective diameter are best suited for hunting wild boar and other moving game, i.e. instinctive shooting. Because of 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 R1-1-4x22 / RD / MR
- » MeoStar R2 1-6x44 RD / MR
- » ZD 1-4x22 RD

Red Dot Sights MeoSight®III and MeoRed® can be used as an alternative to the telescopic sights with 1x magnification.



## LONG-RANGE SHOOTING

Purpose built for hunting and target shooting requiring precision shot placement over extended distances. MeoBright™ coatings and TO2™ optimization deliver 99.7% light transmission per lens surface. An objective mounted parallax control keeps long-range rounds on target while its simplified optic design uses fewer lens elements to add extra brightness.

- » MeoTac 3-12x50 R
- » ZD 4-16x44 RD
- » ZD 6-24x56 RD
- » MeoStar R2 2.5-15x56 RD / MR
- » MeoStar R2 2-12x50 RD
- » MeoStar R2 8x56 RD



## ALL-ROUND

Telescopic sights with an objective diameter of 40-50 mm combine the advantages of scopes with a lower magnification and highlight transmission values. They are primarily intended for hunters who prefer versatility and want to be prepared for anything 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.

- » MeoPro 6x42
- » MeoStar R1 1.5-6x42
- » MeoStar R2 1.7-10x42
- » MeoStar R2 2-12x50
- » MeoPro 3-9x40
- » MeoPro 3.5-10x44 / RD
- » MeoPro 3-9x50
- » MeoStar R1 3-10x50
- » MeoStar R1 4-12x40
- » MeoPro 4.5-14x44
- » MeoPro 4.5-14x44 Target
- » MeoPro 4-12x50
- » MeoPro 4.5-14x50
- » MeoPro 4.5-14x50 Target
- » MeoPro 6-18x50
- » MeoPro 6.5-20x50
- » MeoPro 6.5-20x50 Target



TWILIGHT EXPERTS



△ MeoStar R1 7x56  
MeoStar R1 7x56 RD



△ MeoPro 3-9x50



△ MeoStar R1 3-10x50



△ MeoStar R1 3-12x56  
MeoStar R1 3-12x56 RD



△ MeoStar R1r 3-12x56 RD  
MeoStar R1r 3-12x56 RGD  
MeoStar R1r 3-12x56 RD/MR



△ MeoPro 4-12x50  
MeoPro 4.5-14x50 / Target

### 50/56 MM GLASS LETS YOU LIFT THE COVER OF DARKNESS.



△ MeoStar R2 2.5-15x56 RD / MR  
MeoStar R2 2-12x50 RD  
MeoStar R2 8x56 RD



△ MeoPro 6.5-20x50 / Target



MOVING TARGET



△ MeoStar R1 1-4x22  
MeoStar R1 1-4x22 RD  
MeoStar R1 1-4x22 RD/MR



△ MeoStar R2 1-6x24 RD  
MeoStar R2 1-6x24 RD/MR

### KEEP BOTH EYES OPEN; THE TARGET IS FAST.



LONG RANGE SHOOTING



△ MeoTac 3-12x50 RD



△ ZD 1-4x22 RD



△ ZD 4-16x44 RD



△ ZD 6-24x56 RD



ALL-ROUND PERFORMANCE



△ MeoStar R2 1.7-10x42 RD



△ MeoStar R2 2-12x50 RD



△ MeoStar R1 4-12x40



△ MeoStar R1 1.5-6x42 RD



△ MeoStar R1 3-10x50

### DESIGNED FOR HUNTERS WHO PREFER VERSATILITY.



△ MeoPro 6x42



△ MeoPro 3-9x40



△ MeoPro 3.5-10x44  
MeoPro 3.5-10x44 RD



△ MeoPro 3-9x50



△ MeoPro 4-12x50



△ MeoPro 4.5-14x44 Target  
MeoPro 4.5-14x50 Target



△ MeoPro 6-18x50  
MeoPro 6.5-20x50 Target



### BASIC RIFLESCOPE COMPARISON

For detailed information please see 46-49.

	MeoPro	MeoStar R1	MeoStar R2	ZD	MeoTac
<b>Tube Material</b>	Aircraft-Grade Aluminum Alloys				
<b>Tube Diameter (mm)</b>	25.4	30/25.4	30	30	34
<b>Magnification Range</b>	3x	4x	6x	4x	4x
<b>Finish</b>	ELOX Hard Anodized				
<b>Layers</b>	MeoBright MeoShield	MeoBright MeoShield	MeoLux MeoDrop MeoShield	MeoBright MeoShield	MeoLux MeoShield
<b>Light Transmission</b>	92-94%	92-94%	93-95%	92-94%	93-95%

# RED DOT SIGHTS



## MEORED

Our smallest reflex sight is built for parallax-free accuracy and speed for 3-gun comp, home defense and L/E missions. The ultra-low profile is ideal for pistols or mounting to a riflescope. MeoRed® is perfect for use with handguns and can co-witness with iron sights. MeoRed® includes a Docter® mounting plate.

### LOW-PROFILE



### VERSATILITY FOR HANDGUNS, SHOTGUNS AND TACTICAL WEAPONS



## MEOSIGHT III

A compact, parallax-free reflex sight for close quarter target acquisition and accurate both-eyes-open target acquisition. MeoSight® III includes Docter® mounting plate.

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, dependable (300-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.

# LONG-RANGE SHOOTING

## MEOPTA® BALLISTIC CALCULATOR

### ACCURATELY DETERMINE YOUR OWN PERSONAL SHOT TRAJECTORY

Simply enter your Meopta® scope model, reticle type, desired zero yardage, the specifics for your round, and the local environmental conditions of where you'll hunt or shoot. Hold-over distances are calculated and then displayed on the reticle type that is featured in your rifle scope.

## BALLISTIC CALCULATOR

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 rifle scope and reticle in our portfolio, with easy-to-understand graphical representations. The calculator is available online and as a free App for all Android and iOS platforms.



Available on the App Store

ANDROID APP ON Google play

calculator.meoptasportoptics.com

## 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 most Meopta rifle scopes. Available for MeoStar R2, MeoStar R1 and MeoPro rifle scope series.



## RIFLESCOPE ACCESSORIES

### FLIP-OPEN CAPS

New accessory for Meopta rifle scopes. A simple, very silent solution for protecting the rifle scope objective when not in use.



### SUNSHADE

Available for most MeoStar, ZD and MeoPro rifle scopes.



# BINOCULARS

PERFORMANCE  
YOU CAN TRUST

## MeoStar B1 10x42 HD

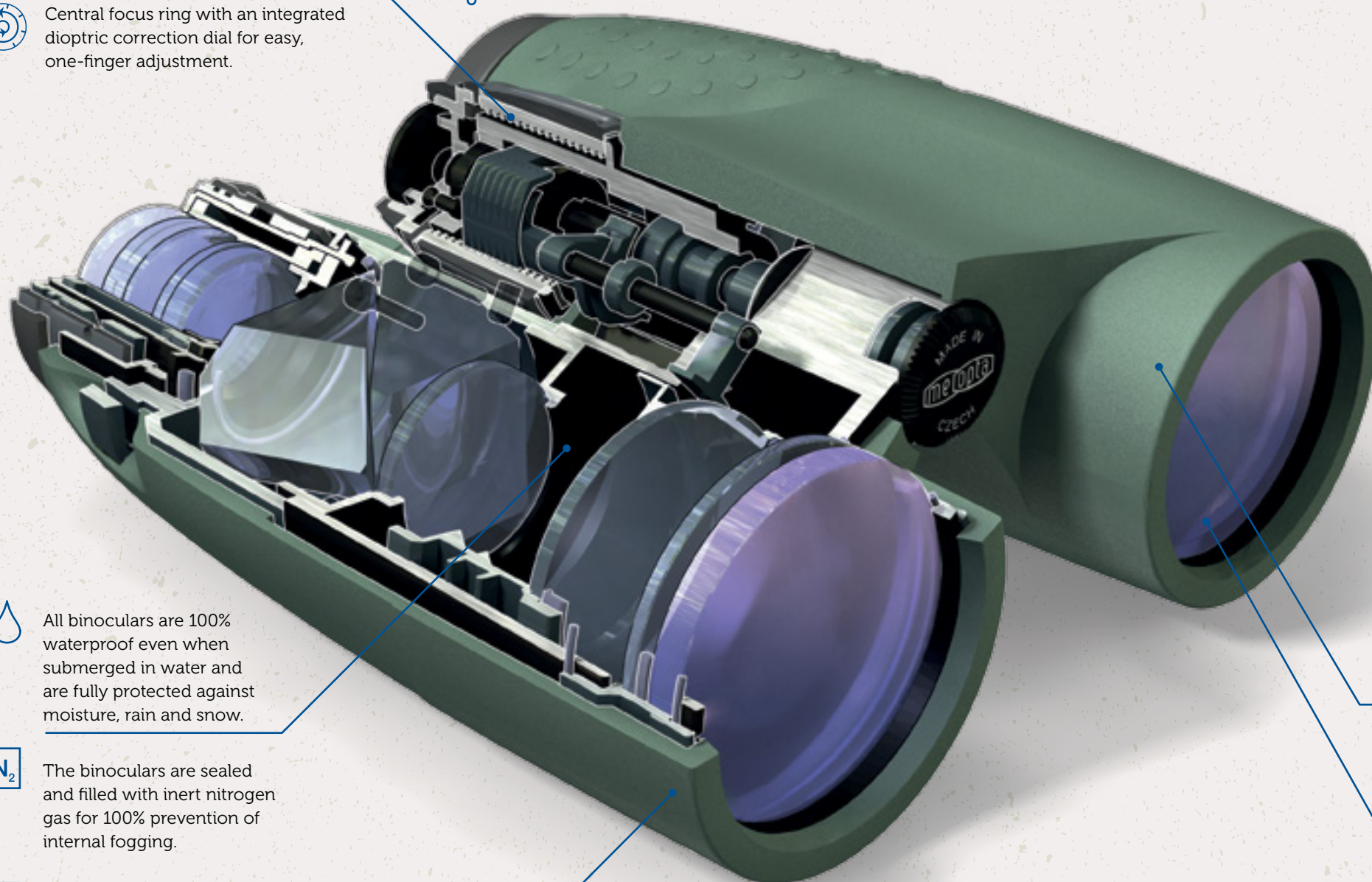
Central focus ring with an integrated dioptric correction dial for easy, one-finger adjustment.

### MEOPTA® HD FLUORIDE LENSES

Eliminate chromatic aberration or color fringing by tightly focusing light wavelengths into a common optical axis – delivering maximum resolution, higher contrast and vivid color fidelity in challenging lighting conditions.

### THE COMPETITION

With standard lenses, light waves are less focused along an optical axis, which causes color fringing, reduced contrast and poor image clarity.



Meopta HD  
fluoride glass

Competition

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

**N<sub>2</sub>** The binoculars are sealed and filled with inert nitrogen gas for 100% prevention of internal fogging.

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

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

The MeoBright™ antireflective coating ensures extraordinary light transmission.

Fluoride HD glass elements to suppress chromatic aberration.

A BETTER  
VIEW  
OF THE  
WORLD

### COMPARISON OF THE INDIVIDUAL BINOCULARS TYPES BY BASIC TECHNICAL SPECIFICATIONS

For detailed information, see page 50.

	MeoStar B1	MeoSport	MeoPro HD
<b>Body</b>	Body Aluminum Alloys	Polycarbonate	Magnesium Alloys
<b>Properties</b>	Waterproof, Submersible, up to 4 m	Water Resistant	Waterproof, Submersible, up to 1 m
<b>Field of view</b>	★★★★★	★★★★★	★★★★★
<b>Layers</b>	MeoBright MeoShield	MC MeoShield	MC MeoShield
<b>Light Transmission</b>	87-89 %	82 %	80-85 %

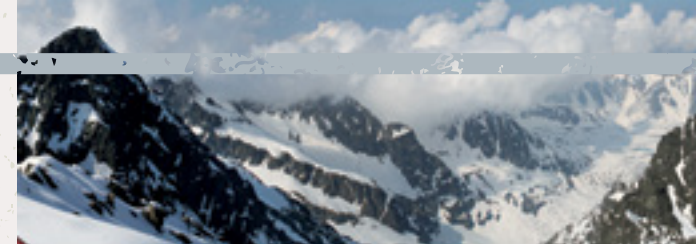


## MEOSTAR B1

European-made binoculars featuring HD Fluoride lenses, advanced coatings and bulletproof construction built to meet the demands of professional hunters and shooters worldwide.

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

△ MeoStar B1 15x56 HD



## MEOPRO HD

Assembled in Europe and delivering HD resolution and exceptional brightness in a lightweight streamlined body – ready to dominate on the hunt or at the range.

The line of the MeoPro HD binoculars boasts high-quality fluoride optical elements that deliver outstandingly vivid colors 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 8x56 HD



A BETTER  
VIEW  
OF THE  
WORLD

SEE MORE HUNT LONGER.



△ MeoStar B1 8x32  
MeoStar B1 10x32



△ MeoStar B1 8x42  
MeoStar B1 7x42  
MeoStar B1 8x42  
MeoStar B1 10x42  
MeoStar B1 10x42 HD

EUROPEAN BUILT.  
UNMATCHED VIEW.



△ MeoPro 8x42 HD  
MeoPro 10x42 HD



△ MeoPro 8x32 HD  
MeoPro 10x32 HD



△ MeoStar B1 7x50  
MeoStar B1 10x50  
MeoStar B1 12x50  
MeoStar B1 12x50 HD

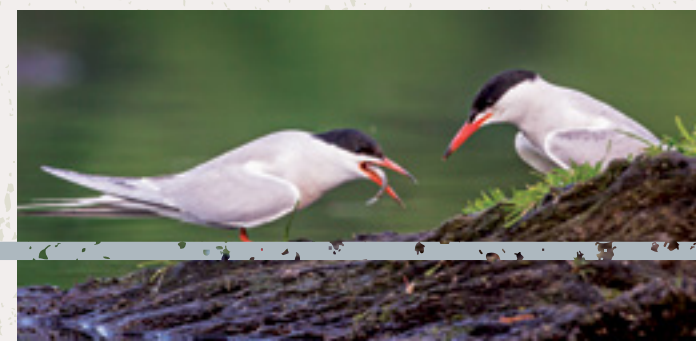


△ MeoStar B1 8x56  
MeoStar B1 15x56 HD

## MEOSPORT

The MeoSport 8x25 pocket-sized binoculars offer a view all the great things in our world without being too cumbersome on daily adventures. The MeoSport 8x25 is ideal for beginning binocular users, day-travelers or anyone interested in exploring the world's beauty. Resistant to external influences and inner fogging.

△ MeoSport 8x25



## ACCESSORIES

### TRIPOD ADAPTER

Securely attaches the binocular to a tripod.



### MEOSTAR 2X DOUBLER ACCESSORY

Allows you to double the magnification of MeoStar® 42, 50 & 56HD binoculars. Perfect when you want the reach of a spotting scope in a smaller, lighter optic.



### LENS CLEANING KIT

Includes lens pen, brush, cleaning solution, blower, lens cloth and carrying case.



# CATEGORIES OF USE



## MOVING TARGET

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



## TWILIGHT EXPERTS

The ultimate long-range hunter. Huge 50/56 mm HD fluoride objectives deliver razor-sharp resolution over extended ranges to help you cull the herd on a distant mountainside and give you the confidence to close the gap and drop that beast. MeoBright™ ion-assisted coatings provide unrivalled brightness in low-light conditions while comfortable ergonomics make these 50/56 mm hunters easy to hold steady for hours of long-range glassing.



## ALL-ROUND PERFORMANCE

The perfect choice for bow hunters or those hunting on tree stands in tightly wooded areas. Full-sized oculars, fluoride objective lenses and MeoBright™ coatings ensure these little gems deliver huge optical performance.

- » 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

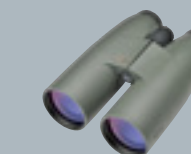
- » MeoStar B1 7x50
- » MeoStar B1 10x50
- » MeoStar B1 12x50
- » MeoStar B1 12x50 HD
- » MeoStar B1 8x56
- » MeoStar B1 15x56 HD



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



△ MeoStar B1 12x50 HD



△ MeoStar B1 8x56



△ MeoStar B1 15x56 HD



△ MeoPro 8x56

**99.7% TRANSMISSION PER LENS SURFACE BRINGS MAXIMUM DETAIL IN THE SHADOWS AT TWILIGHT**



△ 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

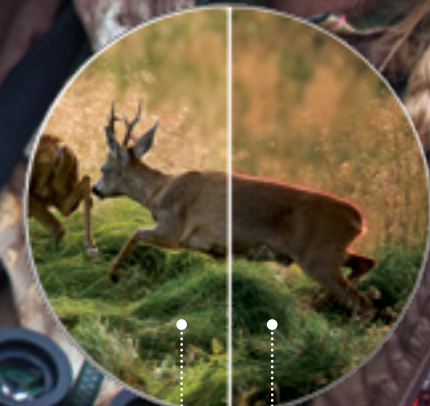


**LIGHTWEIGHT BUT STRONG PERFORMANCE**

**GREAT FOR OUTFITTERS AND HUNTERS**

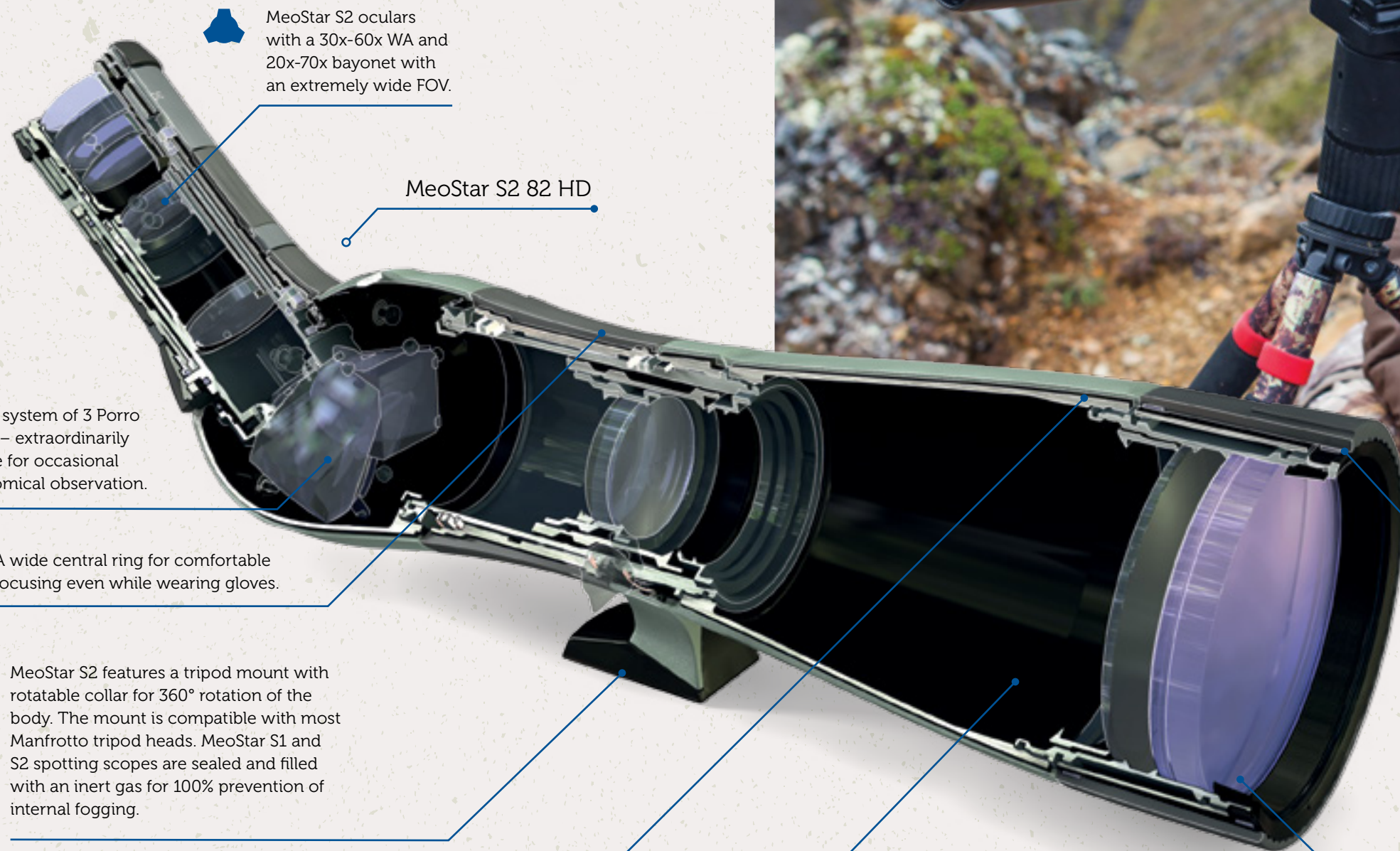


# SPOTTING SCOPES



Meopta HD  
Fluoride Lenses  
The Competition

Spotting scopes



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

MeoStar S2 82 HD



Special system of 3 Porro prisms – extraordinarily suitable for occasional astronomical observation.



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



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



Fluoride HD glass suppresses chromatic aberration and virtually eliminates color fringing.

**Extra-large 82 mm HD fluoride objective lens delivers more light and higher resolution at greater distances and in twilight and shadows giving you the advantage on your next hunt.**

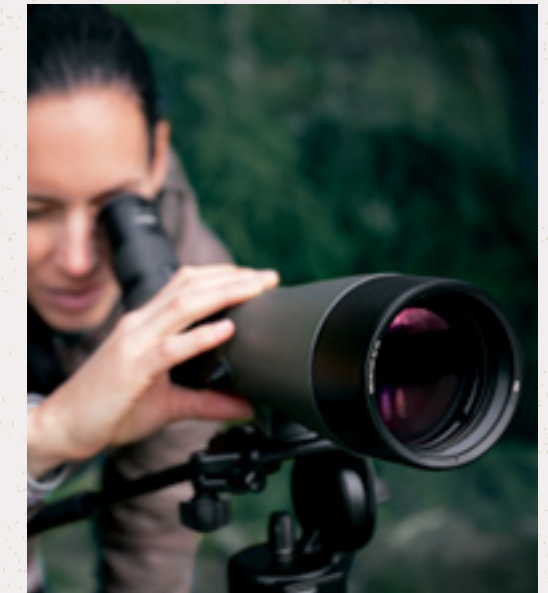
A BETTER VIEW OF THE WORLD

# MEOSTAR S2

At the heart of this impressive European-built optic is a massive 82 mm, extra-low dispersion, fluoride objective lens. This unique HD glass lens eliminates chromatic aberration and delivers unrivaled tack-sharp resolution, increased contrast and vivid color fidelity. 20x-70x or 30x-60x WA eyepiece options add versatility to your hunt. Centric-Drive™ central focus control is easy to rotate, even while wearing thick gloves. MeoBright™ ion-assisted coatings and Twilight Optimization deliver an incredibly bright view to give you more hunting in the fading light. If you need to spot big game at even greater distances, our S2 82 HD scope delivers the reach, clarity and resolution you'll need to find that trophy lurking on the distant mountainside.



**HD BRILLIANCE.  
BORN IN EUROPE.**



## Features

- » HD FLOURIDE LENS
- » MEOBRIGHT™ COATINGS
- » MEODROP™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » BAYONET EYEPIECES
- » CENTRIC-DRIVE™ FOCUS
- » MAGNESIUM CHASSIS
- » NITROGEN PURGED
- » WATERPROOF
- » MADE IN EUROPE
- » LIFETIME WARRANTY



**FOCUSED  
ON DETAIL**

MeoStar S2 82 HD



△ S2 82 HD Angled Body



△ S2 82 HD Straight Body

## INTERCHANGEABLE EYEPIECES

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.



△ 20-60x    △ Eyepiece Adapter    △ 30xWA

## BAYONET MOUNT EYEPIECES

Conveniently choose high magnification or wide-angle eyepieces.

EYEPIECE OPTIONS  
20x-70x | 30x-60x WA



△ 30-60x    △ 20-70x

# MEOPRO 80 HD

**A**ward-winning performance is exactly what you need when glassing a once-in-a-lifetime opportunity... from over a mile away. Our MeoPro® 80 HD delivers the clarity, resolution and brightness to spot your game at incredible distances. An 80 mm extra-low dispersion, fluoride objective lens element delivers unrivaled resolution and eliminates chromatic aberration. An integrated 20x-60x eyepiece quickly reels in your prey while its all-in-one design boosts brightness. Wrapped in a compact, well armored, lightweight, nitrogen-purged magnesium chassis, the 80 HD is built to enjoy a lifetime of hunts.



AWARD-WINNING  
PERFORMER ON THE  
HUNT OR AT THE RANGE.

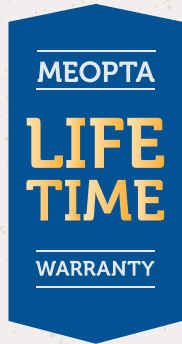


NOTHING  
ESCAPES  
YOUR VISION.

## MEOPRO® 80 HD

Assembled in Europe, the MeoPro 80 HD delivers class-leading resolution and brightness. The integrated 20x-60x eyepiece and CentricDrive™ focus will put you on that beast or help you spot your hits at the range.

MeoPro 80 HD



### Features

- » HD FLOURIDE LENS
- » MEOBRIGHT™ COATINGS
- » MEODROP™ COATINGS
- » MEOSHIELD™ COATINGS
- » TWILIGHT OPTIMIZED
- » 20X-60X INTEGRATED EYEPIECE
- » CENTRIC-DRIVE™ FOCUS
- » MAGNESIUM CHASSIS
- » NITROGEN PURGED
- » WATERPROOF
- » ASSEMBLED IN EUROPE
- » LIFETIME WARRANTY



△ S2 82 HD Angled Body

### RAZOR-SHARP RESOLUTION

Extra-large 80 mm HD fluoride objective lens delivers more light and higher resolution at greater distances and in twilight and shadow, giving you the advantage on your next hunt.



### INTEGRATED 20x-60x EYEPIECE

The integrated eyepiece gives a wide 20-60x magnification range and expansive field of view. Integration means fewer lens elements, for a brighter overall view.



### CENTRIC-DRIVE™ FOCUS CONTROL

Oversized, mid-body focus control is comfortable to use even while wearing thick gloves or for users with limited grasping ability.



### INTEGRATED TRIPOD FOOT

Clicks directly into a Manfrotto type tripod head without the need for an additional adapter plate, creating a rock-solid connection.



Features

- » **MEOBRIGHT™**
- » **LIGHTWEIGHT**
- » **MEOSHIELD™**
- » **ALUMINUM BODY**
- » **COMPACT**
- » **RUBBER ARMORED**

# TGA

Designed and engineered for the 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 for use in adverse lighting conditions, while in a stand, backpacking or stalking.

## INTERCHANGEABLE EYEPIECES

Interchangeable eyepieces are available featuring a range-finding reticle for simple determination of the range of the observed object.



△ 30xWA-R △ 30xWA △ 20-60x



LIGHTWEIGHT,  
COMPACT BODY



GREAT  
TWILIGHT  
PERFORMANCE

## COMPARISON OF THE INDIVIDUAL SPOTTING SCOPE TYPES BY BASIC TECHNICAL SPECIFICATIONS

For detailed technical parameters, see page 51.

	MeoStar S2 82 HD	MeoPro 80 HD	TGA 75
<b>Properties</b>	Waterproof, Submersible Nitrogen-charged	Waterproof, Submersible Nitrogen-charged	Water-Resistant No inert gas
<b>Body</b>	Aluminum/ Magnesium Alloys	Aluminum/ Magnesium Alloys	Compact collapsible Aluminum body
<b>Finish</b>	Rubber-Armored	Rubber-Armored	Rubber-Armored
<b>Ocular</b>	Thread Bayonet Mount 20x-70x   30x-60x WA	integrated 20x-60x eyepiece	Thread M34x0.75
<b>Objective Lens</b>	HD	HD	Standard
<b>Layers</b>	MeoBright / MeoShield MeoDrop	MeoBright / MeoShield MeoDrop	MC / MeoShield

# ACCESSORIES

## DIGISCOPING

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



## MEOPIX

With MeoPix you can attach any type of phone to your Meopta spotting scopes and binoculars.



## S2 RAIL

The tripod rail is an accessory to the MeoStar S2 spotting scope that ensures better scope stability on a tripod.



## LENS CLEANING KIT

Safely clean all your optics. Includes lens pen, brush, cleaning solution, blower, lens cloth and carrying case.



## TRIPOD



## BRAŠNY

The bags are designed especially for normal use, carrying and protection of telescopes.



▷ Standard bag mainly for transport



▷ MeoStar S1 bag



▷ MeoStar S2 bag

# MEOPTA IS A PROUD SPONSOR OF THE CZECH BIATHLON TEAM.



MeoStar S2 82 HD



Gabriela Koukalová,  
Czech biathlete  
Crystal Globe winner  
Holder of 6 Small Crystal Globe trophies

Sport  
Meopta



Meopta has been a proud sponsor of the champion Czech & Slovak Biathlon team since 2003.



Meopta is also proud to support the Norwegian Biathlon team by providing premium quality MeoStar S2 82 HD spotting scopes.



A BETTER  
VIEW  
OF THE  
WORLD

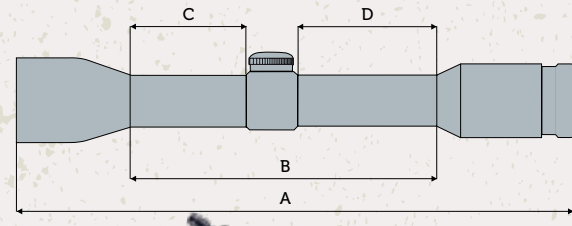
Technical parameters

## TECHNICAL PARAMETERS



# Technical parameters

ACCESSORIES INCLUDED  
 All Meopta® riflescopes include an objective lens cover, an ocular cover, a battery (if required) and a lens cleaning cloth.



## MeoStar R1



	1-4x22		4-12x40		4-16x44		3-10x50		3-12x56		7x56
	min	max	min	max	min	max	min	max	min	max	
Magnification	1 x	4 x	4 x	12 x	4 x	16 x	3 x	10 x	3 x	12 x	7 x
Objective Lens (mm)	22		40		44		50		56		56
Main Tube Size (mm/in)	30 mm						1 in				
Exit Pupil (mm)	13.5	5.5	10.0	3.3	11.0	2.8	16.7	5.0	15.2	4.7	8.0
Eye Relief (in)	3.3	3.5	3.6	3.1	3.9	3.1	3.1	3.2	3.3	3.0	3.3
Field of View (°)	20.35	4.95	5.80	1.93	4.88	1.36	7.60	2.31	6.30	2.00	3.33
Field of View (ft @ 100 yds)	108	26	30	10	26	7	40	12	33	11	17.4
Focal Plane	2nd		2nd		2nd		2nd		1st		2nd
Dioptric Compensation (D)	+/- 3		+/- 3		+/- 3		+/- 3		+/- 3		+/- 3
Daylight Transmission (%)	92		92		92		92		92		92
Twilight Transmission (%)	90		90		90		90		90		90
Twilight Factor	4.7	9.4	12.6	21.9	13.3	26.5	12.2	22.4	13.0	25.9	19.8
Impact Per Click (in @ 100 yds)	0.50		0.25		0.25		0.25		0.25		0.25
Ele. / Win. Adj. Range (MOA)	115		55		42		70		43		52
Parallax Free (@ yds)	100		100		10 - ∞		100		100		100
Weight (oz)	18.9		18.3		24.2		15.9		21.9		18.5
Dimension (in) A	11.8		12.9		15.3		13.0		14.4		13.9
Dimension (in) B	8.0		6.2		6.0		5.5		5.9		5.4
Dimension (in) C	4.6		2.9		2.8		2.2		1.9		1.9
Dimension (in) D	2.2		2.2		2.2		2.2		2.8		2.4

## MeoStar R1



	1-4x22 RD		1.5-6x42 RD		3-12x56 RD		7x56 RD
	min	max	min	max	min	max	
Magnification	1 x	4 x	1.5	6 x	3 x	12 x	7 x
Objective Lens (mm)	22		42		56		56
Main Tube Size (mm/in)	30 mm						1 in
Exit Pupil (mm)	13.5	5.5	14.8	7.0	15.2	4.7	8.0
Eye Relief (in)	3.3	3.5	3.2	3.7	3.3	3.0	3.3
Field of View (°)	20.35	4.95	12.80	3.92	6.30	2.00	3.33
Field of View (ft @ 100 yds)	108	26	67	20	33	11	17.4
Focal Plane	2nd		2nd		1st		2nd
Dioptric Compensation (D)	+/- 3		+/- 3		+/- 3		+/- 3
Daylight Transmission (%)	92		92		92		92
Twilight Transmission (%)	90		90		90		90
Twilight Factor	4.7	9.4	7.9	15.9	13.0	25.9	19.8
Impact Per Click (in @ 100 yds)	0.50		0.25		0.25		0.25
Ele. / Win. Adj. Range (MOA)	115		95		43		52
Parallax Free (@ yds)	100		100		100		100
Weight (oz)	18.9		20.6		23.3		18.5
Dimension (in) A	12.1		13.5		14.4		13.9
Dimension (in) B	5.0		5.6		5.9		5.4
Dimension (in) C	4.6		2.3		1.9		1.9
Dimension (in) D	2.2		2.1		2.8		2.4

## MeoStar R1r



	3-12x56		3-12x56 RD/RGD	
	min	max	min	max
Magnification	3 x	12 x	3 x	12 x
Objective Lens (mm)	56		56	
Main Tube Size (mm)	30		30	
Exit Pupil (mm)	14.8	4.6	14.8	4.6
Eye Relief (in)	3.3	3.0	3.3	3.0
Field of View (°)	6.30	1.92	6.30	1.92
Field of View (ft @ 100 yds)	33	10	33	10
Focal Plane	2nd		2nd	
Dioptric Compensation (D)	+/- 3		+/- 3	
Daylight Transmission (%)	92		92	
Twilight Transmission (%)	90		90	
Twilight Factor	13.0	25.9	13.0	25.9
Impact Per Click (in @ 100 yds)	0.25		0.25	
Ele. / Win. Adj. Range (MOA)	50		50	
Parallax Free (@ yds)	100		100	
Weight (oz)	21.9		22.9	
Dimension (in) A	13.5		13.5	
Dimension (in) B	5.4		5.4	
Dimension (in) C	2.1		2.1	
Dimension (in) D	2.1		2.1	

## MeoStar R1 RD/MR



	1-4x22		3-12x56	
	min	max	min	max
Magnification	1 x	4 x	3 x	12 x
Objective Lens (mm)	22		56	
Main Tube Size (mm)	Rail			
Exit Pupil (mm)	13.5	5.5	14.8	4.6
Eye Relief (in)	3.3	3.5	3.5	3.1
Field of View (°)	20.35	4.95	6.30	1.92
Field of View (ft @ 100 yds)	108	26	33	10
Focal Plane	2nd		2nd	
Dioptric Compensation (D)	+/- 3		+/- 3	
Daylight Transmission (%)	92		92	
Twilight Transmission (%)	90		90	
Twilight Factor	4.7	9.4	13.0	25.9
Impact Per Click (in @ 100 yds)	0.5		0.25	
Ele. / Win. Adj. Range (MOA)	115		43	
Parallax Free (@ yds)	100		100	
Weight (oz)	18.9		23.3	
Dimension (in) A	12.1		13.4	
Dimension (in) B	8.0		5.4	
Dimension (in) C	4.6		2.1	
Dimension (in) D	2.2		2.1	

## MeoStar R2



	1-6x24 RD		1.7-10x42 RD		2-12x50 RD		2.5-15x56 RD		8x56 RD
	min	max	min	max	min	max	min	max	
Magnification	1 x	6 x	1.7 x	10 x	2.0 x	12 x	2.5 x	15 x	8 x
Objective Lens (mm)	24		42		50		56		56
Main Tube Size (mm)	30		30		30		30		30
Exit Pupil (mm)	11.0	4.0	11.1	4.2	11.2	4.3	11.2	3.8	7.0
Eye Relief (in)	3.9	3.8	3.9	3.7	3.9	3.7	3.8	3.7	3.9
Field of View (°)	21.30	3.63	12.50	2.10	10.60	1.80	8.50	1.42	2.58
Field of View (ft @ 100 yds)	113	19	66	11	56	9	45	8	13.5
Focal Plane	2nd		2nd		2nd		2nd		2nd
Dioptric Compensation (D)	+/- 3		+/- 3		+/- 3		+/- 3		+/- 3
Daylight Transmission (%)	94.5		94.5		94.5		94.5		94.5
Twilight Transmission (%)	92		92		92		92		92
Twilight Factor	4.9	12.0	8.4	20.5	10.0	24.5	11.8	29.0	21.2
Impact Per Click (in @ 100 yds)	0.54		0.25		0.25		0.25		0.25
Ele. / Win. Adj. Range (MOA)	138		88		70		60		56
Parallax Free (@ yds)	100		100		100		100		100
Weight (oz)	17.4		20.3		21.0		22.9		20.7
Dimension (in) A	11.7		12.9		14.0		14.0		14.0
Dimension (in) B	7.9		6.2		6.3		6.2		6.2
Dimension (in) C	3.6		1.9		2.0		1.9		1.9
Dimension (in) D	3.0		3.0		3.0		3.0		3.0

## MeoPro



	6x42		3.5-10x44		3-9x50		4-12x50		6-18x50		3.5-10x44 RD		4.5-14x44		4.5-14x50		6.5-20x50	
	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Magnification	6 x	3.5 x	10 x	3 x	9 x	4 x	12 x	6 x	18 x	3.5 x	10 x	4.5 x	14 x	4.5 x	14 x	6.5 x	20 x	
Objective Lens (mm)	42		44		50		50		50		44		44		50		50	
Main Tube Size (mm)	1 in																	
Exit Pupil (mm)	7.0	12.5	4.4	12.5	5.6	12.4	4.2	8.2	2.8	12.5	4.4	9.4	3.2	10.7	3.6	7.4	2.5	
Eye Relief (in)	3.7	4.3	4.1	3.7	3.7	3.9	4.0	3.9	3.9	4.3	4.1	3.5	3.5	3.5	3.5	3.5	3.5	
Field of View (°)	3.52	5.82	1.97	7.02	2.33	5.25	1.72	3.50	1.14	5.82	1.97	4.85	1.65	4.85	1.65	3.36	1.12	
Field of View (ft @ 100 yds)	18.3	31	10	37	12	28	9	18	6	31	10	26	9	26	9	18	6	
Focal Plane	2nd		2nd		2nd		2nd		2nd		2nd		2nd		2nd		2nd	
Dioptric Compensation (D)	+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		-2.5 / + 1.75		-2.5 / + 1.75		-2.5 / + 1.75	
Daylight Transmission (%)	92		92		92		92		92		92		92		92		92	
Twilight Transmission (%)	90		90		90		90		90		90		90		90		90	
Twilight Factor	15.9	12.4	21.0	12.2	21.2	14.1	24.5	17.3	30.0	12.4	21.0	14.1	24.8	15.0	26.5	18.0	31.6	
Impact Per Click (in @ 100 yds)	0.25		0.25		0.25		0.25		0.25		0.25		0.25		0.25		0.25	
Ele. / Win. Adj. Range (MOA)	75		68		77		57		40		68		41		41		29	
Parallax Free (@ yds)	100		100		100		100		50 - ∞		100		30 - ∞		30 - ∞		50 - ∞	
Weight (oz)	15.0		15.7		18.4		18.2		18.7		16.7		18.0		19.0		20.8	
Dimension (in) A	12.4		13.0		14.0		14.2		15.4		13.0		13.9		14.0		15.6	
Dimension (in) B	5.6		5.6		5.6		5.9		5.8		5.6		6.0		5.9		6.5	
Dimension (in) C	1.5		1.9		1.9		2.2		2.0		1.9		1.8		1.4		2.0	
Dimension (in) D	2.4		2.4		2.4		2.4		2.4		2.4		3.0		2.5		2.4	

## MeoStar R2 RD/MR series

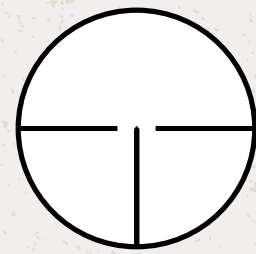
## ZD



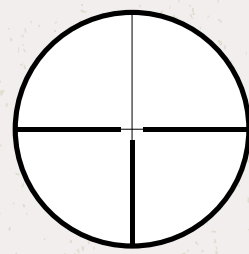
	1-6x24 RD		2.5-15x56 RD	
	min	max	min	max
Magnification	1 x	6 x	2.5 x	15 x
Objective Lens (mm)	24		56	
Main Tube Size (mm)	Rail		Rail	
Exit Pupil (mm)	11.0	4.0	11.2	3.8
Eye Relief (in)	3.9	3.8	3.8	3.7
Field of View (°)	21.30	3.63	8.50	1.42
Field of View (ft @ 100 yds)	113	19	45	8
Focal Plane	2nd		2nd	
Dioptric Compensation (D)	+/- 3		+/- 3	
Daylight Transmission (%)	94.5		94.5	
Twilight Transmission (%)	92		92	
Twilight Factor	4.9	12.0	11.8	29.0
Impact Per Click (in @ 100 yds)	0.54		0.25	
Ele. / Win. Adj. Range (MOA)	138		60	
Parallax Free (@ yds)	100		100	
Weight (oz)	17.4		22.9	
Dimension (in) A	11.7		4.0	
Dimension (in) B	7.9		6.2	
Dimension (in) C	3.6		1.9	
Dimension (in) D	3.0		3.0	

	1-4x22 RD		4-16x44 RD		6-24x56 RD	
	min	max	min	max	min	max
Magnification	1 x	4 x	4 x	16 x	6 x	24 x
Objective Lens (mm)	22		44		56	
Main Tube Size (mm)	30		30		30	
Exit Pupil (mm)	13.5	5.5	11.0	2.8	9.1	2.3
Eye Relief (in)	3.2	3.5	3.9	3.1	3.5	3.1
Field of View (°)	20.44	5.25	4.88	1.36	3.37	0.90
Field of View (ft @ 100 yds)	108	28	26	7	18	5
Focal Plane	2nd		2nd		2nd	
Dioptric Compensation (D)	+/- 3		+/- 3		+/- 3	
Daylight Transmission (%)	92		92		92	
Twilight Transmission (%)	90		90		90	
Twilight Factor	4.7	9.4	13.3	26.5	18.3	36.7
Impact Per Click (in @ 100 yds)	0.50		0.25			

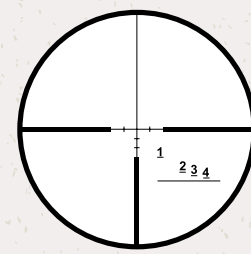




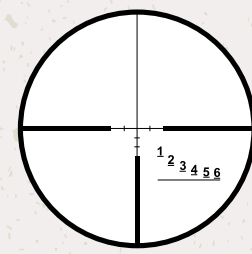
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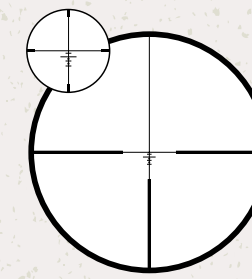
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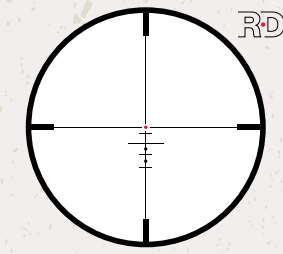
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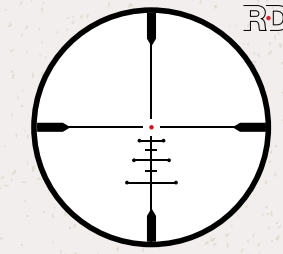
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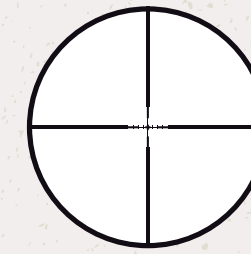
BDC



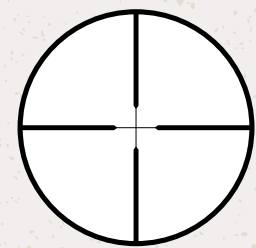
BDC 2



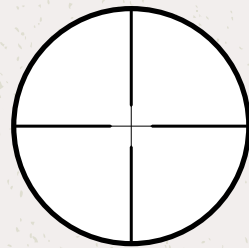
BDC 3



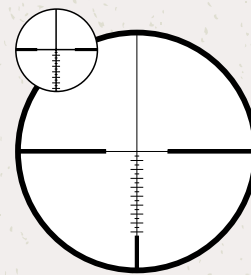
Windmax 8



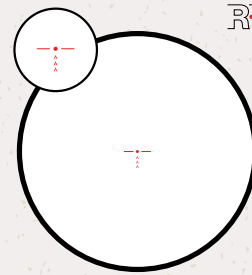
Z-Plex



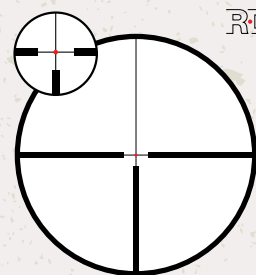
Z-Plex II



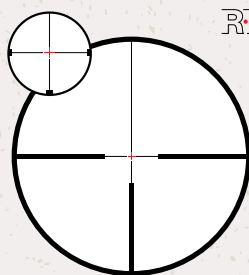
MMD



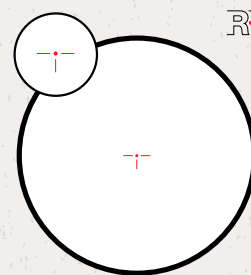
K-5.56 ZD - RD



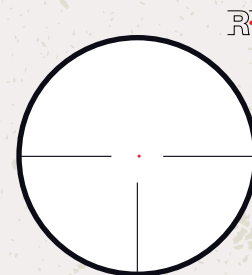
4C - RD



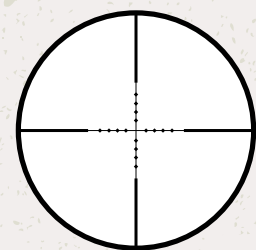
4K - RD



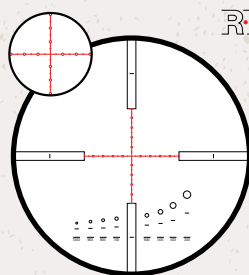
K-Dot - RD



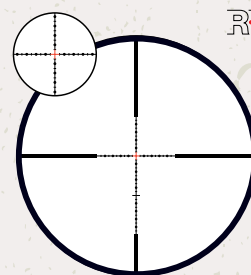
KDot 2 - RD



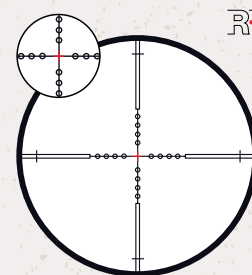
MilDot



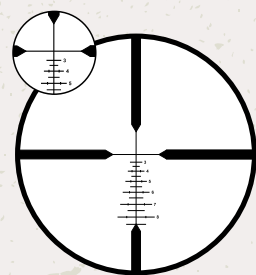
MilDot 2 - RD



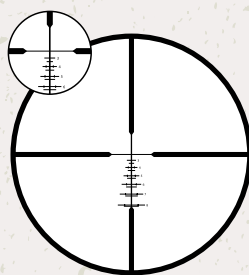
MilDot 3 - RD



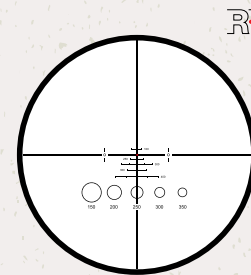
MilDot Special - RD



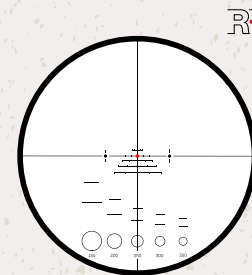
McWHORTER - MV



McWHORTER - HV

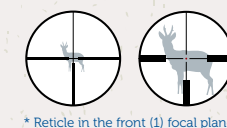


MT 308



MT 223

Model	Focal Plane*	Non-Illuminated Reticles													Illuminated Reticles														
		1	4	4A	4B	Zplex	Zplex II	Mil-Dot	MMD	BDC	MW MV	MW HV	Windmax8	4C	4K	KDot	Mil-Dot2	K556 ZD	Mil-Dot5	KDot 2	MT 223	Mil-Dot3	BDC2	BDC3	MT 308				
<b>MeoPro</b>																													
3-9x50	2		•			•				•																			
3.5-10x44	2		•			•				•																			
3.5-10x44 RD	2													•											•		•		
4-12x50	2		•			•				•																			
6-18x50	2							•	•																				
6x42	2	•	•			•	•																						
4.5-14x44	2					•				•																			
4.5-14x50	2					•				•																			
6.5-20x50	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	1	•	•			•	•																						
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																												



\* Reticle in the front (1) focal plane



\* Reticle in the rear (2) focal plane

Some scope/reticle combinations are available only by special order.

### MeoStar B1



**ACCESSORIES INCLUDED**  
All Meopta® binoculars include a comfort air neck strap, padded wool or nylon carry bag, objective lens covers, ocular rain guard and lens cleaning cloth.



	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 (mm)	32	32	42	42	42	50	50	50	56	42	50	56
Field of View at (ft/1000 yds)	416	333	411	411	330	378	330	275	333	331	279	221
Field of View (Degrees)	7.92	6.35	7.84	7.84	6.30	7.21	6.30	5.25	6.35	6.31	5.24	4.20
Eye Relief (mm)	15.5	16.3	21.8	17.4	15.0	22.5	17.4	15.0	21.5	15.0	15.0	15.2
Close Focus Distance (ft)	5.6	4.9	9.8	9.8	9.8	13.1	13.1	11.5	16.4	8.4	11.2	14.1
Exit Pupil Diameter (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
Twilight Factor	16.0	17.9	17.1	18.3	20.5	18.7	22.4	24.5	21.2	20.5	24.5	29.0
Daylight Transmission (%)	88	88	88	88	88	88	88	88	88	88	88	88
Twilight Transmission (%)	82	82	82	82	82	82	82	82	82	84	84	84
Interpupillary Distance (mm)	58-74	56-75	56-74	56-74	56-74	56-74	56-74	55-74	56-74	56-74	56-74	56-74
Dioptric Compensation (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
Height (in)	4.8	5.2	5.9	5.9	5.5	7.1	7.1	6.7	8.0	5.5	6.8	7.9
Width (in)	4.9	4.8	5.2	5.2	5.2	5.4	5.4	5.5	5.6	5.2	5.5	5.6
Depth (in)	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.4
Weight (oz) - w/o caps & strap	21.1	21.2	31.4	31.6	30.9	34.8	36.0	36.0	39.5	31.7	37.4	40.6

### MeoPro HD



### MeoSport



	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 (mm)	32	32	42	42	56	25
Field of View at (ft/1000 yds)	435	351	377	351	314	330
Field of View (Degrees)	8.40	6.70	7.20	6.70	6.00	6.30
Eye Relief (mm)	17.0	15.0	20.2	17.0	18.5	18.0
Close Focus Distance (ft)	3.3	4.9	4.3	8.5	7.2	9.8
Exit Pupil Diameter (mm)	4.0	3.2	5.3	4.2	7.0	3.1
Twilight Factor	16.0	17.9	18.3	20.5	21.2	14.1
Daylight Transmission (%)	86	86	86	86	86	73
Twilight Transmission (%)	80	80	80	80	80	71
Interpupillary Distance (mm)	58-74	56-74	56-74	56-74	58-74	55-74
Dioptric Compensation (D)	+/- 3.0	+/- 3.0	+/- 3.0	+/- 3.0	+/- 3.0	+/- 3.0
Height (in)	5.2	5.2	6.1	5.9	7.0	4.4
Width (in)	5.2	5.2	5.3	5.3	5.6	4.4
Depth (in)	1.9	1.9	2.1	2.1	2.6	1.8
Weight (oz) - w/o caps & strap	21.1	21.1	24.7	24.3	36.3	13.8

**ACCESSORIES INCLUDED**  
All Meopta® binoculars include a comfort air neck strap, padded wool or nylon carry bag, objective lens covers, ocular rain guard and lens cleaning cloth.



### MeoSight III MeoRed



Magnification	1x	1x
Sight Lens (mm)	17 x 27	23.5 x 17
Aiming Point Size (MOA)	3	3
Dot Intensity (levels)	8	continuous
Manual Intensity Mode	Yes	Yes
Auto Intensity Mode	Yes	no
Auto-Off (hrs)	3	3
Vertical Adj. Range (MOA)	120	120
Horizontal Adj. Range (MOA)	120	180
Daylight Transmission (%)	86	86
Twilight Transmission (%)	95	95
Battery Type	CR 2032	CR 2032
Battery Life (hrs)	300	300
Weight (oz)	1.3	1.1
Dimensions (in)	1.9 x 1.0 x 1.2	1.9 x 1.1 x 1.0

### MeoStar S2



### MeoPro 80 HD



	S2-82 HD		Eyeieces		min	max
	Angled	Straight	30-60x WA	20-70x		
			min	max	min	max
Magnification Range			30-60x		20	60
Objective Lens (mm)		82			80	
Field of View at (ft/1000 yds)			133.5	62.8	123.1	48.7
Field of View (Degrees)			2.53	1.2	2.35	0.93
Apparent Field of View (Degrees)			66	66	45	63
Eye Relief (in)			18	18	18	18
Close Focus Distance (ft)	13.5	13.6				
Exit Pupil Diameter (mm)			2.77	1.38	4.1	1.16
Dioptric Compensation (D)		+/- 3	+/- 3			+/- 3
Daylight Transmission (%)	95	95	92		92	
Twilight Transmission (%)	91	91	89	88		
Tripod Thread		1/4-20				1/4-20
Length w/o Eyepiece (in)	13.4	12.8	4.6		4.6	
Weight w/o Eyepiece (oz)	50.4	51.3	12.2		11.9	

### TGA 75



	TGA 75	30xWA	20-60x	
			min	max
Objective Lens (mm)	75			
Field of View (°)		2.14	1.8	0.9
Eye Relief (mm)		16.8	15.3	17
Close Focus Distance (ft)	13.9			
Dioptric Compensation (D)	+/- 5			
Tripod Thread	1/4-20			
Length w/o Eyepiece (in)	9.8 / 14.8	3		3.5
Weight w/o Eyepiece (oz)	44.1	3.7		5.6
Daylight Transmission (%)	86	96		92
Twilight Transmission (%)	89			

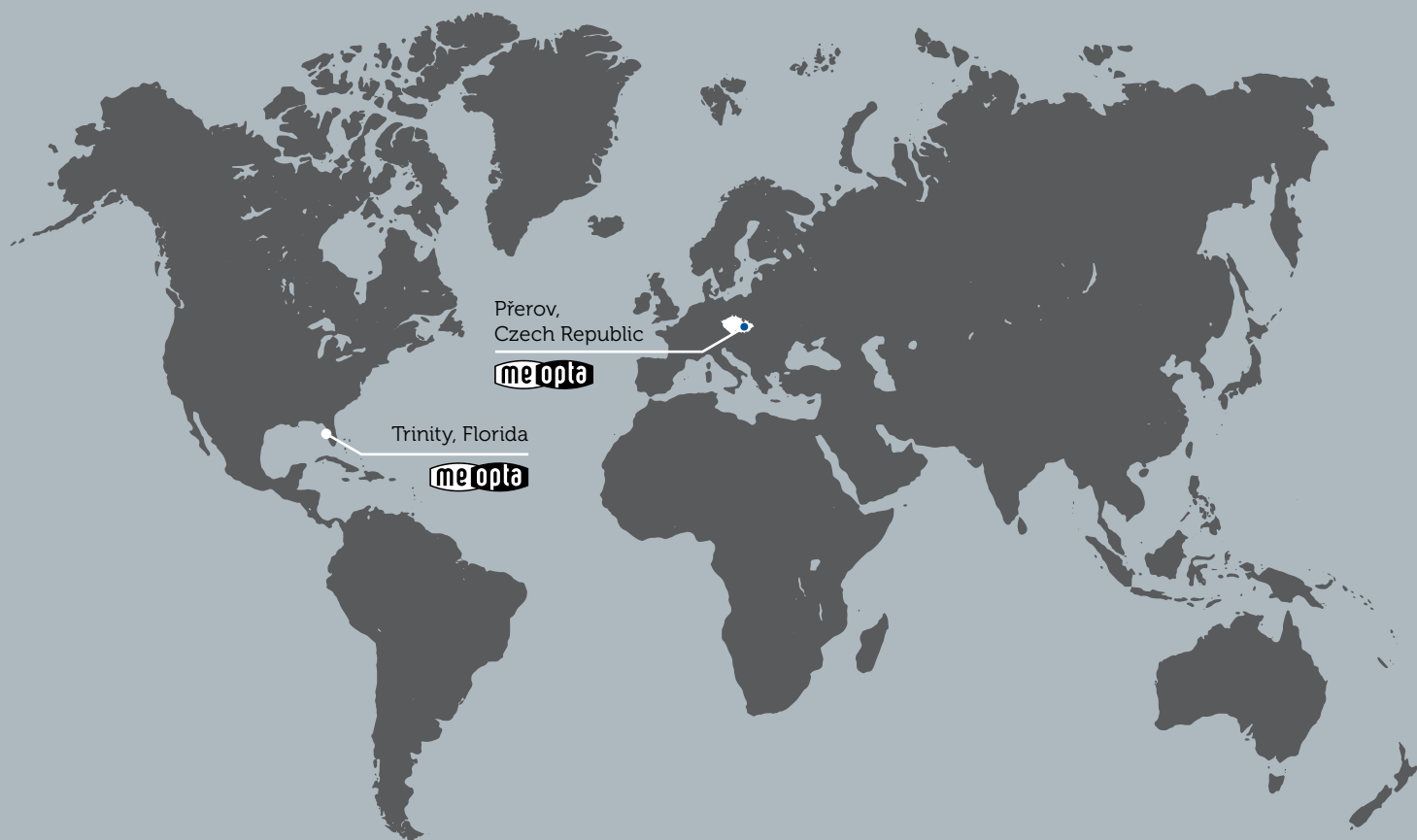
**ACCESSORIES INCLUDED**  
Meopta® spotting scopes come with an eyepiece bayonet mount cover or eyepiece cover, pinch-lock objective lens cover and lens cleaning cloth.



A BETTER VIEW OF THE WORLD



# A BETTER VIEW OF THE WORLD



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