



A BETTER VIEW OF THE WORLD



MEOPTA
SPORT OPTICS 2020

EUROPEAN OPTICS

In 1933, a physics professor at the University of Přerov, Alois Mazurek, an avid optics enthusiast, started developing a small production facility in Přerov called OPTIKOTECHNA to manufacture optical components, condensers, magnifiers, and later on lenses. An engineer, Alois Beneš, provided the start-up capital and premises.

The company quickly expanded its initial small-scale production with a range of enlargers, cameras and projectors and made inroads into military scopes. In 1935, Beneš sold his small factory to a very large manufacturer of arms for the Czech army — Zbrojovka Brno.

With new investment, the company quickly

expanded and started building a new production plant at its current location. When it came to optical technology, there were plenty of historical events that influenced life throughout the country.

After the war, the company was nationalized and spun off under the name Meopta (MEchanical and OPTical production), and gradually incorporated other smaller nationalized companies, thereby expanding its product portfolio, e.g. movie cameras.

Meopta has a number of worldwide successes under its belt, including the globally popular Flexaret cameras, of which it produced more than 600,000; Mikroma mini-cameras; Axomat, Opemus and Magnifax enlargers, Meopton professional 35 mm film projectors,

SINCE 1933

and Admira movie cameras. Many of these products received awards even at international trade shows in Brussels and Montreal.

Meopta's postwar product portfolio also included the first sophisticated rifle scopes for hunters, which were followed by the compact Sport 25x60 monocular scopes in the 1950s and 1960s. In the 1990s, Paul Rausnitz, a Czech-American entrepreneur from the optics industry joined the company, opening up many new possibilities for Meopta. Significant investments into modernizing the company and access to more business contacts raised Meopta to again rank among the leading optical producers in the world.

It now has its own advanced technologies and

proprietary expertise for developing and manufacturing specialized optical and optoelectronic systems and subsystems. Production of sports optics was interrupted for a certain time. After 1990, Meopta returned to this tradition and developed several new series of rifle scopes, the Artemis and Meostar R1/R2, as well as the Meostar B1 line of binoculars and MeoStar S1/S2 spotting scopes. Gradually, Meopta rose to become one of the world's top producers of sports optics, winning customers over with its very high quality at an affordable price.

IT PRIMARILY FOCUSES ON HIGH-QUALITY DEVELOPMENT, PRODUCTION AND ASSEMBLY OF OPTICAL AND OPTOELECTRONIC SYSTEMS AND EQUIPMENT FOR THE INDUSTRIAL, MILITARY AND CONSUMER MARKET SEGMENTS.

MORE THAN 2,500 HIGHLY QUALIFIED EMPLOYEES IN THE CZECH REPUBLIC AND THE UNITED STATES

AREA OF 116,000 M²

SPORT OPTICS

SPECIAL OPTICS FOR THE ARMED FORCES

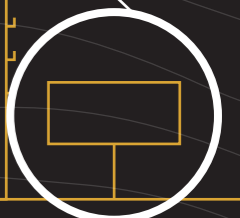
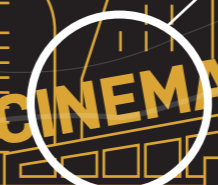
OPTICAL SYSTEMS FOR SPACE RESEARCH APPLICATIONS

OPTICAL SYSTEMS FOR DIGITAL PROJECTION

DISPLAYS FOR THE AEROSPACE INDUSTRY

STATE-OF-THE-ART OPTICAL SYSTEMS FOR THE SEMICONDUCTOR INDUSTRY

OPTICAL SYSTEMS FOR RADIOGRAPHIC EQUIPMENT



PRECISION OPTICS SINCE 1933

Meopta is a multinational company founded in 1933. Since that time, it has built a proud tradition of manufacturing top-quality optical, optomechanical and optoelectronic products. The company now has production plants in the Czech Republic and the United States of America.

Meopta has its own development centre and manages the entire process from initial concept to mass production, all under the one roof, all in the Czech Republic. Meopta is a partner and supplier to many world-renowned companies working in medicine, digital film projection, semiconductors, space exploration and military systems.

A BETTER VIEW OF THE WORLD



12

RIFLE SCOPES



29

TACTICAL AND SPORTS
SHOOTING

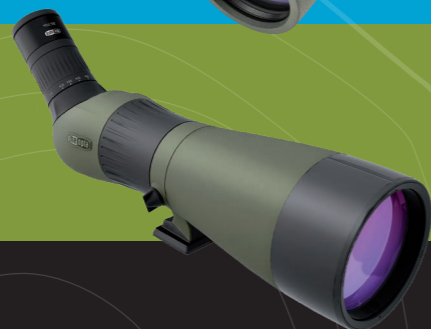
34

BINOCULARS



44

SPOTTING SCOPES



CONTENTS

Optical perfection ... 10

RIFLE SCOPES ... 12

DichroTech ... 16

MeoStar R2 ... 18

MeoStar R1 ... 20

MeoPro Optika 6 ... 22

MeoTac ... 24

ZD ... 25

Ballistic calculator ... 26

Rifle scope accessories ... 27

Dot sights ... 29

MeoRed ... 29

MeoSight III ... 29

MeoRed T ... 30

MeoRed T mini ... 30

M-Rad ... 31

MeoAce 3x20 ... 31

MeoAce 5x40 ... 31

MeoNight 1.1 ... 33

BINOCULARS ... 34

MeoStar B1.1 ... 38

MeoStar B1 R ... 40

MeoPro Air ... 41

Optika HD ... 42

SPOTTING SCOPES ... 44

MeoStar S2 82 HD ... 49

MeoPro HD80 ... 50

TGA 75 ... 52

Accessories ... 54

Meopta & Biathlon ... 56

Technical specifications ... 58

OPTICAL PERFECTION



HD OPTICAL ELEMENTS

Thanks to its special optical properties, fluoride glass enables significantly higher suppression of chromatic aberration than standard optical materials. In practice, this means that it limits the colourful "auras" along the contours of the observed object and heightens its colour fidelity (fluoride glass used on certain types of binoculars and spotting scopes is indicated in this catalogue).



30-YEAR EXTENDED WARRANTY

Meopta is built on optical perfection, tradition and experience, and can therefore provide a 30-year extended warranty on selected products. The user gets this benefit by simply registering. Details and the registration form are available at www.meoptasportsoptics.com

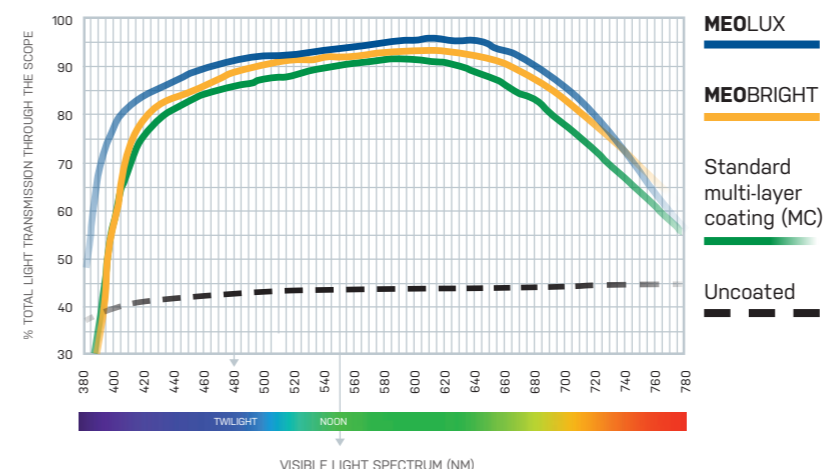
Modern technology allows all optical components of telescopes to be coated with precise, sophisticated coatings. They increase light transmission to the highest possible degree — up to 99.8% on a single glass-air surface. Put simply, MeoBright and MeoLux make Meopta brand scopes one of the best companions for passionate hunters, sports shooters, tourists and nature lovers.



A great deal of hunting and observation activity occurs under poor optical conditions. At dawn, in mist, fog, rain, at twilight or in the dark. In situations like that, the observer can use the top technology of Meopta scopes, which increase observation comfort and can extend hunting time under just such conditions.



**AT DAWN, IN MIST,
FOG, RAIN, AT
TWILIGHT OR IN
THE DARK.**



MEOLUX

The latest MeoLux coating is developed for even better light transmission and limiting unwanted reflections. All optical elements of MeoStar R2 rifle scopes are equipped with a MeoLux anti-reflective coating that is optimized for viewing in the dark and provides integral light transmission of 93–95% on the entire rifle scope (99.8% on one glass air surface). Thanks to this new generation of optical coatings, MeoStar R2 rifle scopes can boast the best light transmission in the world. When it comes to performance, MeoStar R2 rifle scopes are at the cutting edge of today's technological capabilities. New special MeoLux anti-reflective coatings make active observation and hunting a practical possibility well into twilight and clear night-time.

MEODROP

HYDROPHOBIC LENS COATINGS

Special hydrophobic coatings repel water, dust and grease from the surface of the optical element, which helps maintain a clean, brilliant image. They are based on the "lotus effect" — a specific microscopic coating keeps unwanted dust or water particles from adhering to the glass surface, easily beads them up and rolls them off. Optical elements with a MeoDrop coating are easy to clean and do not smudge.

MEOBRIGHT

STATE-OF-THE-ART ANTI-REFLECTIVE LENS COATINGS

All optical elements on MeoStar R1, MeoPro Optika6, MeoPro and ZD rifle scopes, MeoStar B1.1 binoculars and MeoStar S2 are equipped with MeoBright anti-reflective coatings applied using the industry's state-of-the-art technology. This ensures 99.7% light transmission for each optical element. This gives Meopta scopes outstanding light transmission without unwanted reflections. MeoBright coatings extend hunting and observation time and contribute to Meopta products' amazing quality.

MEOSHIELD

ANTI-ABRASION LENS COATINGS

A silicon coating applied with ion technology protects the external lens surface against scratching and abrasion, even under field conditions.



RIFLE SCOPES

RIFLE SCOPES



Zoom is a crucial parameter —the greater the zoom, the closer the object appears. At the same time, increasing zoom decreases the field of vision and aperture. Our products include a line of rifle scopes with fixed zoom and a very broad range of scopes with variable zoom.



Meopta

Competition

MEOPTA® AT TWILIGHT

Light transmission is a parameter expressed as a percentage. For example, 95% transmission means 5% of light is lost as it moves through the optical system. Light transmission is very important when observing at dawn and dusk. MeoBright or MeoLux™ coatings ensure maximum light transmission.

COMPETITION

Ordinary, poorly ground and polished optical glass leads to optical defects - reduced resolution at the edges, higher distortion and a smaller field of vision.



Meopta

Competition

MEOPTA® SHARP IMAGE

Lenses and prisms of high-quality optical glass are carefully ground and polished to offer the greatest possible resolution and the sharpest image without any visible distortion.



Meopta

Competition

MEOPTA® TRUE COLOUR

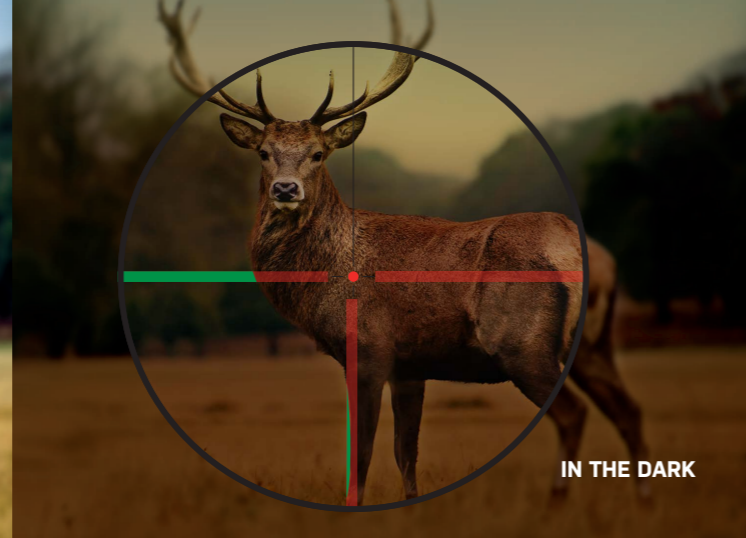
MeoLux and MeoBright coatings provide the observer with clear, authentic colours. MeoShield and MeoDrop coatings protect lenses even in the toughest hunting conditions.

COMPETITION

Ordinary coatings cause colour reflections and inaccurate colour rendering.



DURING THE DAY



IN THE DARK



DESERT



FOREST



SNOW



GRASSLAND



MOUNTAINS



ADAPTS TO CHANGING LIGHT CONDITIONS

A dichroic coating can adapt to various environments and light conditions to provide optimal visibility of the reticle.



PRECISE TARGET DETECTION

Unlike traditional black reticles, the transparent DichroTech reticles do not obstruct visibility of the target at any point.



COMPLETELY BATTERY-FREE TECHNOLOGY

Technology works using only natural light, batteries are not necessary.

DICHROTECH

DichroTech technology carefully applies a selected dichroic coating on to a given structure of the reticle. It then transmits the selected colour while reflecting a different colour. The transmitted colour is dark orange (fur colour of big game), the reflected colour is light green. The ratio between the transmitted and the reflected colour is selected to be relatively balanced at twilight. In full light conditions, the dichroic structure behaves like an orange filter, which has an advantage: thick lines do not obscure a part of the target, it is rendered orange. At the same time, it increases the contrast between the orange and the other colours, i.e. the fur of big game appears more distinct. At twilight, the dichroic structure behaves like an orange filter only on an orange background, while for other colours the reflected light green colour dominates. The part of the

reticle overlapping the fur of big game appears orange to the hunter, while the part of the reticle lying outside the target is light green. That is the main advantage - the ability to spot game is significantly increased. At night / very advanced darkness, the dichroic reticle behaves like a standard black one. Reticles with DichroTech technology can include an illuminating red dot or a cross. When observing game that does not have a dark orange fur colour (wild boar, mountain goat, etc.), during the day the dichroic structure behaves like a normal orange filter, at twilight it has a light green impermeable structure. When observing a high-contrast scene (viewing an illuminated area through bushes out of a dark forest), the dichroic structure may intermittently change from orange to light green, which may not suit everyone.



**SPECS THAT
ARE HARD TO BEAT**

MEOSTAR R2

The largest range of rifle scopes, among the best in the world. The new MeoStar R2 offers 6x zoom, an exceptionally wide field of view, wide aperture, a new 8-step illumination system, and a precise, repeatable correction mechanism. Specs that are hard to beat And at a great price.



SPECIFICATIONS

- 30 MM DURALUMIN TUBE
- MEOLUX™
- MEOSHIELD™
- MEODROP™
- SHOCK RESISTANCE
- MEOTRAK™ II
- MEOPTA RAIL (MR)
- NITROGEN FILLED
- WATERPROOF
- ILLUMINATED RETICLES (RD)



△ 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 R2 2.5-15X56 RD/PA*



△ MEOSTAR R2 8X56 RD

* Model with adjustable parallax correction

** Models with a Zeiss-style rail



MEOSTAR R1

The MeoStar R1 premium line of rifle scopes has met the most stringent demands of hunters and shooters for many years. Outstanding quality and reliability at an exceptional price — these are the main characteristics of the MeoStar R1 series of rifle scopes.



RELIABILITY AT AN EXCELLENT PRICE

SPECIFICATIONS

- 30 MM DURALUMIN TUBE
- MEOBRIGHT™
- MEOSHIELD™
- RD/RGD
- MEOPTA RAIL (MR)
- SHOCK RESISTANCE
- MEOTRAK™ II
- NITROGEN FILLED
- WATERPROOF



△ MEOSTAR R1 1-4X22
MEOSTAR R1 1-4X22 RD
MEOSTAR R1 1-4X22 RD/MR**



△ MEOSTAR R1 1.5-6X42 RD



△ MEOSTAR R1 3-10X50



△ MEOSTAR R1 3-12X56
MEOSTAR R1 3-12X56 RD
MEOSTAR R1 3-12X56 RD/MR**



△ MEOSTAR R1r 3-12X56 RD
MEOSTAR R1r 3-12X56 RGD
(RED/GREEN ILLUMINATED DOT OPTIONS)



△ MEOSTAR R1 4-12X40



△ MEOSTAR R1 4-16X44



△ MEOSTAR R1 7X56
MEOSTAR R1 7X56 RD

** Models with a Zeiss-style rail



MEOPRO OPTIKA6

The Optika6 line of rifle scopes combines the performance and reliability of the MeoPro line with 6x zoom. These rifle scopes are designed to give hunters the premium features expected from the Meopta brand, at an affordable price.

All Optika6 rifle scopes are available with patented Dichro-Tech reticles that enable hunter to more easily spot and aim at their targets in unfavourable light conditions, and likewise all models are available with the SFP option and with many types of reticles. Our product line also includes reticles specific for the .223 and 6.5 Creedmoor calibres. Models with 3-18, 4.5-27 and 5-30 magnification are fitted with an exposed locking elevation adjustment knob. They enable quick adjustment when out in the terrain without fear of accidental turns. All versions of the Optika6 FFP and 4.5-27x50 SFP, except for 1-6x24 FFP, are equipped with a zero-stop function for simple return to zero without regard to the intended shooting distance.

Optika6 rifle scopes are available with FFP ML recticles in the first and second focal planes. Except for model 1-6x24, they also have externally lockable knobs. The 5-30x56 model has a characteristic 34 mm tube, which enables a wide range of settings for precision long range shooting.

The Optika6 series of rifle scopes provides the latest technology and outstanding performance and is intended for the most demanding hunters and shooters.

POWER THROW LEVER



SPECIFICATIONS

- 30 MM ALUMINIUM TUBE (34 MM ON MODEL 5-30X)
- MEOBRIGHT™
- MEOSHIELD™
- MEODROP™
- MOA OR MIL CORRECTION
- BALLISTIC KNOBS WITH ZERO-STOP FUNCTION ON SELECTED MODELS
- RETICLE AT FIRST OR SECOND FOCAL PLANE
- LOCKABLE BALLISTIC KNOBS
- ZOOM ADJUSTMENT LEVER



- △ OPTIKA6 1-6X24 SFP
- OPTIKA6 1-6X24 RD SFP
- OPTIKA6 1-6X24 FFP
- OPTIKA6 1-6X24 RD FFP



- △ OPTIKA6 2.5-15X44 RD SFP
- OPTIKA6 2.5-15X44 SFP



- △ OPTIKA6 3-18X50 RD SFP
- OPTIKA6 3-18X50 RD FFP
- OPTIKA6 3-18X50 FFP
- OPTIKA6 3-18X50 SFP



- △ OPTIKA6 3-18X56 RD SFP
- OPTIKA6 3-18X56 RD FFP
- OPTIKA6 3-18X56 FFP
- OPTIKA6 3-18X56 SFP



- △ OPTIKA6 4.5-27X50 RD SFP
- OPTIKA6 4.5-27X50 RD FFP
- OPTIKA6 4.5-27X50 FFP
- OPTIKA6 4.5-27X50 SFP



- △ OPTIKA6 5-30X56 RD FFP
- OPTIKA6 5-30X56 FFP

TACTICAL AND SPORTS SHOOTING

BALLISTIC CORRECTION AT LONG DISTANCES



MEOTAC

This new generation of tactical rifle scopes perfectly meets the needs of both military and security forces, as well as those of sports shooters and very demanding hunters. The robust 34 mm tube allows the adjustment mechanism to be set in a range up to 100 MOA, enabling ballistic correction at long shooting distances.

The scope has the option for setting zero parallax from 25 metres to infinity, along with simple control of illumination intensity.

SPECIFICATIONS

- 34 MM DURAL TUBE
- MEOLUX™
- MEODROP™
- MEOSHIELD™
- ILLUMINATED RETICLE (RD)
- SHOCK RESISTANCE
- NITROGEN FILLED
- WATERPROOF
- RETICLE AT FRONT FOCAL PLANE
- BALLISTIC KNOBS WITH THE ZERO-STOP FUNCTION



△ MEOTAC 3-12X50 RD



△ ZD 1-4X22 RD



△ ZD 4-16X44 RD



△ ZD 6-24X56 RD

A FAVOURITE OF SPORT SHOOTERS

ZD

The ZD line of rifle scopes is based on MeoStar R1 technology. They are appropriate for sport shooting and long-distance hunting and have the right features for use in critical situations. During its design, Meopta drew on many years of experience in manufacturing special optical systems for the armed forces.



SPECIFICATIONS

- 30 MM DURAL TUBE
- MEOBRIGHT™
- MEOSHIELD™
- ILLUMINATED RETICLES (RD)
- MEOTRAK™
- SHOCK RESISTANCE
- NITROGEN FILLED
- WATERPROOF
- RETICLE AT REAR FOCAL PLANE

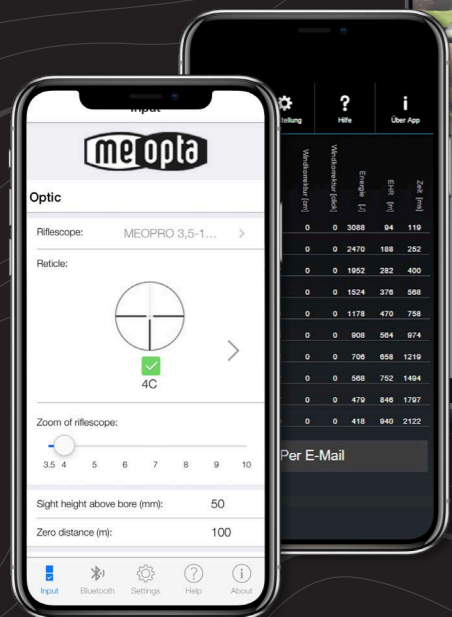


BALLISTIC CALCULATOR

MEOPTA® BALLISTIC CALCULATOR

Fast, precise calculation of your shot trajectory

A ballistic calculator enables calculation of basic ballistic parameters for hunt shooting. It provides information for shooting at an angle, i.e. shooting downhill or uphill, and information on the effect of depth on hit accuracy.



calculator.meoptasportsoptics.com

BALLISTIC CALCULATOR

At the same time, ballistic calculations are graphically displayed on all types of Meopta rifle scope reticles. The ballistic calculator is also available as a mobile phone app for both Android and iOS. It can be downloaded at: calculator.meoptasportsoptics.com.

RIFLE SCOPE ACCESSORIES

BALLISTIC KNOB

An exact hit is within reach. The ballistic knob helps the shooter reliably and precisely set the hit point at three different distances. It allows you to set the target point position for three different shooting distances or use the specially developed ballistic calculator. Now available for MeoStar R2, MeoStar R1 and MeoPro rifle scopes.



FLIP OFF REPLACEABLE COVERS

New accessories for Meopta rifle scopes. Simple lens protection with fast, quiet removal for aiming and shooting.



MEOMAG 3

Magnification module accessory for any dot sight. Helps with longer-distance shots and helps better recognize targets and aim at them. One big advantage is the focusing eyepiece, which helps eliminate dioptric defects in the user's eye and at the same time provides a clear image of the dot sight's aiming point and the target being observed.



SUNSHADES

Sunshades are available for all rifle scope models and are chosen according to lens diameter.



DOT SIGHTS

MEORED

A simple, compact, waterproof dot sight especially suitable for pistol or shotgun shooting or for fast aiming with hunting or sports arms. The device is controlled by a microprocessor and signals battery discharge and Auto-Off functions.



**IDEAL FOR PISTOLS,
HUNTING AND SPORT-
TACTICAL ARMS**

MEOSIGHT III

A compact, robust dot sight with a red point mainly intended for pistol or sports shooting. It is suitable for use in various climatic conditions. It is equipped with manual and automatic brightness control and auto-off function, making MeoSight III a light, reliable sight. The device is ideal for pistols, hunting and tactical, or sports weapons. The red dot has a 3 MOA diameter with a 60 MOA setting range.

MeoSight III's features, quality and performance place it among the best sights of its kind in the world.



MEOPTA
30
YEARS
WARRANTY

TACTICAL AND SPORTS SHOOTING

An expanded line of tactical optics for shooting at close and medium distances that is designed to meet the demanding needs of professional shooters. The ideal choice for reflex shooting are the MeoRed-T and T-mini dot sights with optics providing 1x zoom and a backlit red aiming dot that enables rapid, accurate aiming at targets. The magnification module MeoMag 3x is then ideal for use in combination with short-range dot sights (MeoRed-T and T-mini) to give them excellent handling even at medium distances.

MEORED T

Tube dot sight suitable for all types of weapons. Its very robust design stands up to the worst stress in the toughest conditions. The dot sight is compatible with night-vision equipment. The design allows connection of protective filters and shutters.



MEORED T MINI

Small open dot sight of robust design. The device's body is designed to limit the user's visual field as little as possible. The dot sight is compatible with night-vision equipment.



M-RAD

Small open dot sight of robust design. The device is compatible with night-vision equipment.



MEOACE 3X20

Small, compact sight with a wide range of uses. Its reticle with ballistic drop compensation enables fast, precise shooting even at longer distances. At low levels, the illumination of the reticle is compatible with night-vision equipment. The upper surface of the device has an MIL-STD moulding for mounting accessories. The design allows connection of protective filters and shutters.



MEOACE 5X40

Compact sight with a wide range of uses. The reticle with ballistic drop compensation enables fast, precise shooting at long distances. At low levels, the illumination of the reticle is compatible with night-vision equipment. The upper surface of the device has an MIL-STD moulding for mounting accessories. The design allows connection of protective filters and shutters.



NIGHT VISION



MEONIGHT 1.1

The add-on night-vision device MeoNight is ideal in combination with standard daylight rifle scopes. It allows hunting under complete darkness or in extremely poor light conditions. It can also be used as a monocular for night observation without a rifle. The basic version of the MeoNight is equipped with 1x magnification, however, it is possible to achieve 3x magnification with the use of an adapter (booster). When mounted on the rifle, magnification is provided by the rifle scope itself.

The night vision device can be mounted in front of the rifle scope using a Picatinny rail (MIL-STD-1913) and can subsequently be combined with the rifle scope using an adapter. The other option is to mount it using an adapter directly onto the rifle scope (behind the rifle scope) without needing to attach it to the rifle. MeoNight 1.1 is equipped with a high quality micro-channel image brightness intensifier.

SPECIFICATIONS

- **MEOBRIGHT™**
- **MEODROP™**
- **SHOCK RESISTANCE**
- **WATERPROOF**
- **NITROGEN FILLED**
- **EXTERNAL BRIGHTNESS CONTROL**



ACCESSORIES

Several accessories can be attached to the MeoNight 1.1 device for mounting the conversion lens to the binoculars and rifle scopes and to expand the device's functionality in other ways.



△ QUICK-FIT MOUNTING
VME 0003



△ REDUCTION
MEONIGHT



△ BOOSTER



△ ADAPTER 57



BINOCULARS

BINOCULARS

MEOSTAR B1.1 10X42 HD



The central focus knob with integrated dioptric correction knob allows easy one-finger adjustment.



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



All scopes are hermetically sealed and filled with inert gas, which prevents internal fogging 100%.



The body made of lightweight aluminium alloy is extremely durable and ensures long life.



The protective rubber reinforcement on the gripping surfaces is ergonomically shaped and made for comfortable handling.



MeoBright anti-reflective coatings for outstanding transmission.



Fluoride HD glass for suppressing chromatic aberration. Models with fluoride glass are marked HD.



Meopta HD
fluoride glass

Competition

**STANDARD EQUIPMENT FOR EVERY
HUNTER AND NATURE LOVER —
QUALITY OPTICS AT A GREAT PRICE**



LRS

Long Range
Shooting

MEORANGE 10X42 HD / 10X42 HD-AB

Designed for hunters in hilly terrain and wide open spaces, appropriate for long-range shooting. MeoRange 10x42 HD stands out not only for its excellent features, but also for its integrated laser technology, which allows aiming over long distances to ensure the greatest precision of every shot. In addition to an advanced laser range-finder, the MeoRange 10x42 HD-AB unit also contains a module for showing the necessary ballistic data right on the unit and transfers the measured data to a mobile device (typically a smartphone) using a Bluetooth connection.

EASY ORIENTATION IN THE FIELD,
PRECISE DETERMINATION OF
TARGET DISTANCE, BALLISTIC
CURVE APPLICATION OPTION



INTEGRATED LASER TECHNOLOGY FOR LONG-RANGE AIMING

- MEOLUX™
- MEODROP™
- WATERPROOF
- DUST-PROOF
- RECALCULATED DISTANCE
- DISTANCE MEASUREMENT FROM 10 TO 1500 M
- TILT ANGLE MEASUREMENT
- COMPASS AND THERMOMETER
- EASY UNIT CONVERSION

MEORANGE 10X42 HD OFFERS THESE BASIC FUNCTIONS, WHILE MEORANGE 10X42 HD-AB EVEN OFFERS A MODULE FOR BALLISTIC DATA DISPLAY AND A BLUETOOTH FUNCTION.



DISTANCE

Fast, accurate aiming from 10 m to 1500 m.



RECALCULATED DISTANCE

The measured equivalent horizontal distance adjusts to the angle of sight for fast, precise sight calibration.



TILT ANGLE

A clear indication of the firing angle for your target.



COMPASS

Reliable terrain orientation when aiming at your target.



THERMOMETER

Exact temperature – clear and distinct.



PRESSURE GAUGE

Detects the atmospheric pressure level for the most precise shot.



MEOSTAR B1.1

Binoculars are part of every hunter's basic equipment. MeoStar B1.1 are binoculars with outstanding optical parameters in a compact, mechanically resistant, ergonomically shaped body, and excellent resistance to water, dust and impact.

△ MEOSTAR B1.1 7X42
MEOSTAR B1.1 8X42
MEOSTAR B1.1 10X42 HD



△ MEOSTAR B1.1 7X50
MEOSTAR B1.1 10X50
MEOSTAR B1.1 12X50 HD



△ MEOSTAR B1.1 15X56 HD

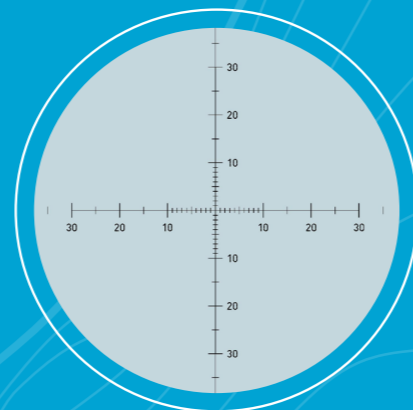


△ MEOSTAR B1.1 8X32
MEOSTAR B1.1 10X32





◁ MEOSTAR B1 10X42 R HD



MEOSTAR B1 R

The new MeoStar B1 line is made up of 10x42 binoculars with a patented reticle rotation system. It always remains horizontal, regardless of eyepiece distance. The MeoStar B1 R series has all the qualities of MeoStar B1, with its high resistance to water, dust and shocks. At the same time, its high-quality optical system allows hunters to aim a target thanks to integrated reticle.

- PREMIUM EUROPEAN OPTICS
- ALUMINIUM ALLOY BODY
- RETICLE ON THE RIGHT BARREL
- RUBBER ARMORING
- HD OPTICAL SYSTEM
- DIOPTRIC CORRECTION ON BOTH CHANNELS



△ MEOSTAR B1 8X32 RX



MEOPRO AIR

A new Meopta product for 2020 is MeoPro Air binocular. Its rubber-reinforced magnesium body has a modern look, and its ergonomic shape, with an open hinge, fits excellently into your hand. The optical system uses fluoride HD optical components, providing a sharp image of the highest quality. MeoPro Air binoculars are extraordinarily resistant to moisture, dust, temperature fluctuation and shocks.

△ MEOPRO AIR 8X42
MEOPRO AIR 10X42

- PREMIUM EUROPEAN OPTICS
- MAGNESIUM BODY
- RUBBER ARMORING
- HD OPTICAL SYSTEM
- OPEN-HINGE DESIGN
- FOCUSING KNOB AND DIOPTRIC ADJUSTMENT IN ONE



OPTIKA HD

A broad selection of Meopta binoculars completes the Optika HD range. The fluoride HD optical system delivers the best image quality in this category, and the robust rubberized magnesium body provides high reliability even in the roughest natural conditions. Optika HD binoculars are available in 8x42 and 10x42 configurations.

- FLUORIDE HD GLASS
- WATERPROOF
- MAGNESIUM ALLOY CHASSIS
- ALUMINIUM EYECUPS FOR MAXIMUM DURABILITY AND EASY CLEANING
- PHASE CORRECTION COATING
- DIELECTRIC PRISM COATING



△ OPTIKA HD 8X42
OPTIKA HD 10X42





SPOTTING SCOPES

SPOTTING SCOPES



Interchangeable eyepieces
with threaded bayonet

MEOSTAR S2 82 HD



A special system of 3
Porro prisms also provides
the option of occasional
astronomical observation.



A wide central sleeve for
comfortable focusing even with
gloves on.



Tripod grip for turning the spotting scope as
far as 360°. The grip is compatible with most
Manfrotto tripod heads.

**Mg
Al**

The body is composed of duralumin and magnesium
parts — use of special alloys makes the device
extremely solid but also lightweight.

N₂

All scopes are hermetically sealed, filled with inert gas, and
protected from internal condensation build up.



Meopta HD
fluoride glass

Competition



The integrated sunshade protects
the lens against sudden rain and
prevents unwanted reflection in
intense backlight.



MeoBright anti-reflective coatings for
outstanding transmission.



MeoDrop hydrophobic coatings to
repel droplets of water and dirt
quickly and easily.



Fluoride HD glass for suppressing
chromatic aberration.

The field of view indicates the range that
can be observed using a scope with the
greatest distance. It is usually determined
in meters up to 1000 or in degrees.

MEOSTAR S2

Nature's most demanding observers appreciate this spotting scope's features. It is perfect for rendering the finest of details. The wide field of view within the full range of HD glass magnification, MeoDrop water-repellent coating, a lighter ergonomic body all place Meostar S2 among the best spotting scopes in the world. It is especially sought after by bird watchers and highly favoured by shooters for tracking their target at long range. In hunting, it is recommended for detailed observation of game from a stand.

AMONG THE WORLD'S BEST

SPECIFICATIONS

- SUNSHADE
- CENTRAL FOCUSING WHEEL
- MG-AL BODY
- ERGONOMIC SHAPE
- MEOBRIGHT™
- MEODROP™
- NITROGEN FILLED
- WATERPROOF
- BRILLIANT IMAGE
- HD GLASS
- INTERCHANGEABLE EYEPIECES WITH THREADED BAYONET



MEOSTAR S2 82 HD

△ S2 82 HD ANGLED VERSION

△ S2 82 HD STRAIGHT VERSION



INTERCHANGEABLE EYEPIECES WITH BAYONET

The 30-60x eyepiece retains a 66° subjective field of view throughout the zooming range. The 20-70x eyepiece has a 45° subjective field of view at 20x zoom, and at 70x zoom the subjective field of view is 63°.



△ 30-60× WA



△ 20-70×

INTERCHANGEABLE EYEPIECES WITH REDUCTION

Reduction allows use of accessories for MeoStar S1 spotting scopes (eyepieces, photo adapters).



△ 20-60×



△ 30×WA



△ ASTROREDUCTION



MEOPRO HD80

This type of spotting scope completes Meopta's device offerings. It has an integrated variable eyepiece with a 20x-60x zoom. It is equipped with HD fluoride glass for clear image with accurate colour, and its optical performance is favoured by every bird and nature lover.



SPECIFICATIONS

- HD GLASS
- MEOBRIGHT™
- MEODROP™
- MEOSHIELD™
- INTEGRATED EYEPIECE 20X-60X
- MAGNESIUM BODY
- WATERPROOF
- NITROGEN FILLED

MEOPRO HD80



△ MEOPRO HD80 ANGLED VERSION



△ MEOPRO HD80 STRAIGHT VERSION

HD GLASS

The wide angle and HD glass ensure a high-quality image with true colour.



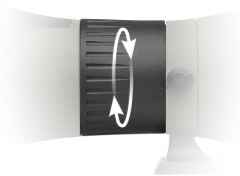
INTEGRATED EYEPIECE 20X-60X

The integrated eyepiece eliminates the need to manipulate the device, while providing a wide zoom range for comfortable observation.



CENTRAL FOCUSING WHEEL

The central focusing wheel is comfortable to operate with one hand.



INTEGRATED TRIPOD GRIP

The integrated tripod grip ensures safe, stable attachment to the tripod and is compatible with most Manfrotto tripods.



THE USER
WILL NOT MISS
A SINGLE DETAIL

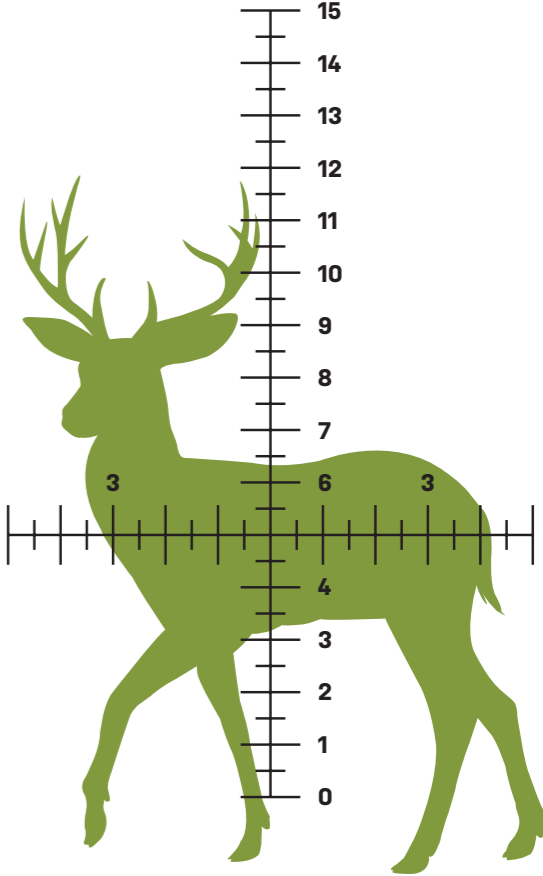
SPECIFICATIONS

- **MEOBRIGHT™**
- **MEOSHIELD™**
- **DURAL BODY**
- **COMPACT**
- **LIGHTWEIGHT**
- **RUBBER REINFORCEMENT**



TGA 75

A scope for observation in the wild, resistant to rain and dust penetration. The compact shape and sliding rubberized body make it a pleasant, space-saving companion in nature. The robust water-resistant body allows it to be simply propped up against a rock or tree trunk. It is equipped with a tripod thread, but using a tripod for observation is not completely necessary. It is suitable in poor light conditions, in a stand box, and when tracking.



△ 30x WA-R

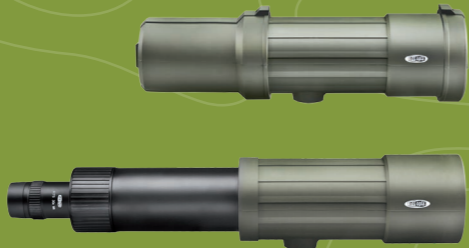
SUITABLE FOR
POOR LIGHT
CONDITIONS, IN
A BOX STAND
OR WHEN
TRACKING

INTERCHANGEABLE EYEPIECES

There is also a 30x WA-R wide-angle eyepiece with telemetric reticle for easily determining the distance of the object observed.



△ 30xWA-R △ 30xWA △ 20-60x



COMPARISON OF SPOTTING SCOPE MODELS BY BASIC SPECIFICATIONS

for specific technical parameters, see p. 62–69.

	MeoStar S2 82 HD	MeoStar HD80	TGA 75
PROPERTIES	Waterproof, submersible Nitrogen-filled	Waterproof, submersible Nitrogen-filled	Waterproof, without internal gas
BODY	Aluminium / magnesium alloys	Aluminium / magnesium alloys	Aluminium alloys
SURFACE TREATMENT	Rubber reinforcement	Rubber reinforcement	Rubber reinforcement
EYEPIECE ATTACHMENT	Bayonet	Integrated eyepiece	Thread M34x0.75
OBJECTIVE	HD	HD	Standard
COATINGS	MeoBright / MeoShield MeoDrop	MeoBright / MeoShield MeoDrop	MC / MeoShield

ACCESSORIES

CARBON TRIPOD

The Meopta carbon tripod is designed for all brands and types of scopes and telescopes using a standard tripod adapter. The tripod is equipped with two types of heads – ball head and a video head. The ball head is characterized by its small dimensions, low weight and quick operation. The video head is characterized by its smooth motion along the vertical and horizontal axes. The tripod also comes with a removable smartphone adapter that helps take quality photographs and videos when in the field. The adapter is compatible with all types and brands of smartphones. Thanks to its weight of 1,814 g and length of 43 cm, the Meopta carbon tripod is the ideal compact partner for nature observation, hunting or photography. It also has a durable nylon case for easy handling. When extended fully, it reaches the maximum height of 178 cm.

SPECIFICATIONS

- CARBON FIBER CONSTRUCTION
- BALL HEAD AND VIDEO HEAD
- SMARTPHONE ADAPTER
- NYLON CASE
- WEIGHT 1814 G
- LENGTH WHEN FOLDED 43 CM
- MAXIMUM HEIGHT WHEN EXTENDED 178 CM



CASES

The cases are designed for everyday use, transport and protection of the scopes.



S2 RAIL

The tripod balancing bar is a supplemental accessory for the Meostar S2 spotting scope and gives it better stability, especially when using the photo adapter.



DIGISCOPING

Meopta lets you use the spotting scope for photographing with an SLR camera. This is done with a simple photo adapter, which combines with the scope to form a powerful long-distance lens with optical quality comparable to that of professional telephoto lenses.



MEOPIX

The adapter is designed to connect a mobile phone to an observation device (binoculars or a telescope) for taking photos or videos. Configured in this way, the observation device works as a telephoto lens. The adapter is universal and can also be used with most devices and today's mobile phones.



MEOPTA IS A PROUD SPONSOR OF THE CZECH BIATHLON TEAM.

MEOSTAR S2 82 HD



The Czech biathlon team is equipped with top-quality Meopta Meostar S2 82 HD spotting scopes. The Slovak biathlon team also uses MeoStar S2 82 HD spotting scopes.

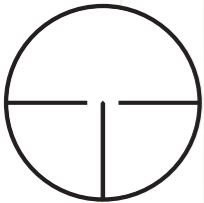


Meopta is also honoured to have the confidence of trainers for the Norwegian biathlon team, who rely on the quality of Meopta spotting scopes.

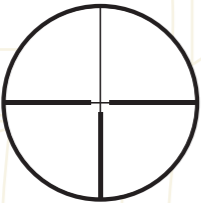


A technical line drawing of a mechanical assembly, possibly a turbine or engine component, is centered on a solid yellow background. The drawing features a large circular housing with a flange at the bottom, a central shaft, and a complex internal structure with multiple curved blades or vanes. The lines are thin and white, creating a high-contrast technical illustration.

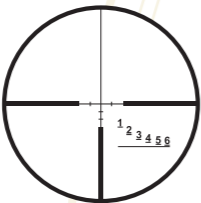
TECHNICAL SPECIFICATIONS



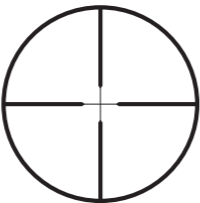
1



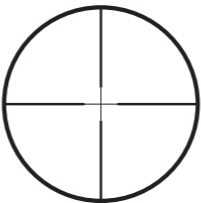
4



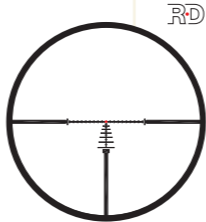
4B



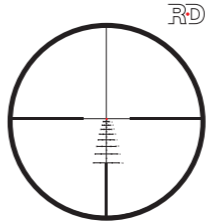
Z-Plex I



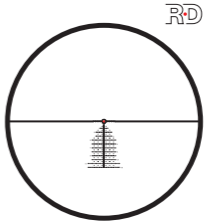
Z-Plex II



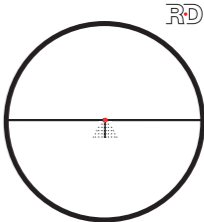
.308 RD



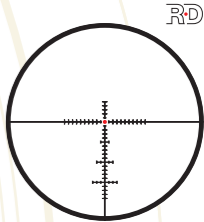
6.5CM RD



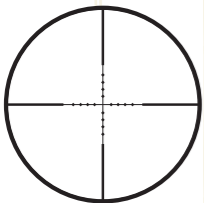
MRAD 1 RD



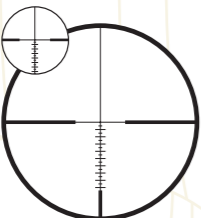
MRAD 2 RD



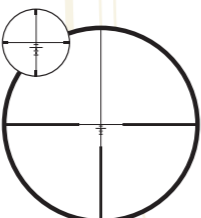
Zplus RD



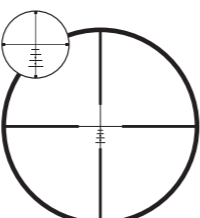
MilDot



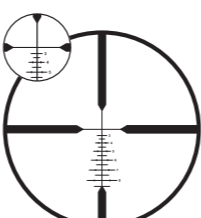
MMD



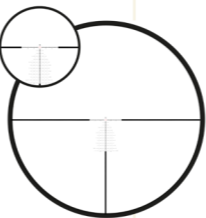
BDC/a



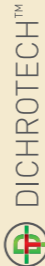
BDC/b



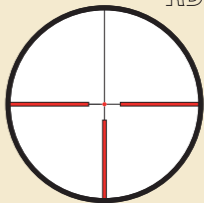
McWHORTER – MV



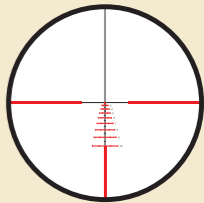
MRAD RD



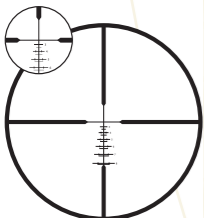
4D Dichro



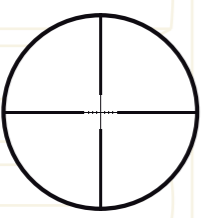
4C Dichro



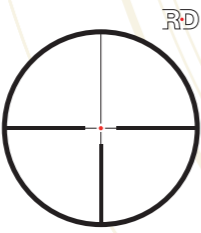
6.5CM Dichro



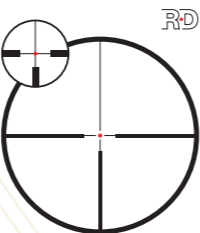
McWHORTER – HV



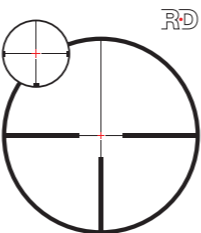
Windmax 8



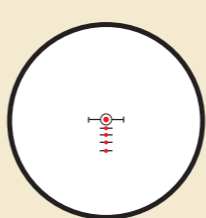
4C/1



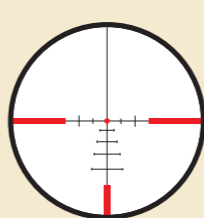
4C/2



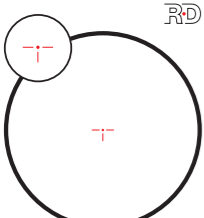
4K



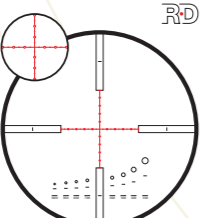
KDot Dichro



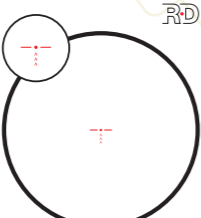
BDC Dichro



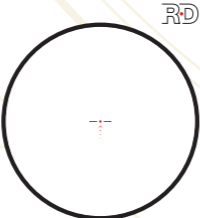
K-Dot



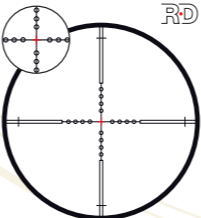
MilDot 2



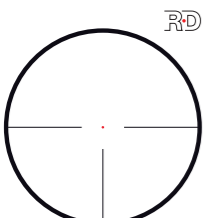
K-5.56 ZD



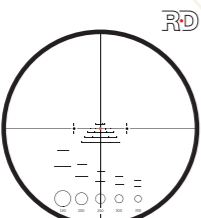
7.62 NATO



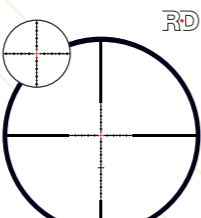
MilDot Special



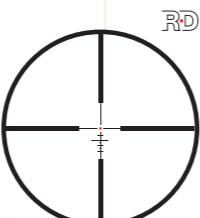
KDot 2



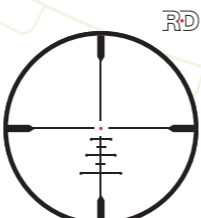
MT 223



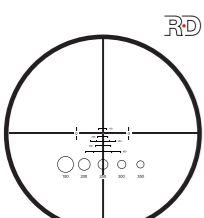
MilDot 3



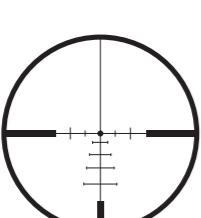
BDC 2



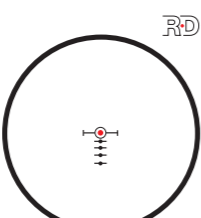
BDC 3



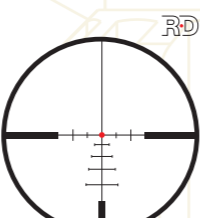
MT 308



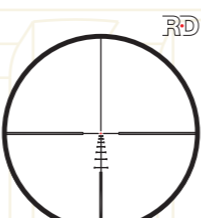
BDC



KDot RD

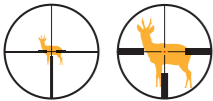


BDC RD

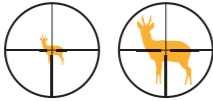


.223 RD

NON-ILLUMINATED RETICLES																		
Model	Focal plane*	1	4	4B	Zplex I	Zplex II	MilDot	MMD	BDC/a	BDC/b	MW NV	MW HV	Windmax 8	4D Dichro	BDC	BDC Dichro	KDOT Dichro	6.5CM Dichro
OPTIKA6																		
1-6x24	2				•													
2.5-15x44	2				•										•	•		
3-18x50	2				•									•	•	•		•
3-18x56	2														•	•		
4.5-27x50	2				•									•	•			
1-6x24 FFP	1				•												•	
3-18x50 FFP	1				•									•	•			•
3-18x56 FFP	1				•									•				
4.5-27x50 FFP	1				•													
5-30x56 FFP	1				•											•		
ZD TACTICAL																		
ZD 1-4x22 RD	2																	
ZD 4-16x44 RD	2																	
ZD 6-24x56 RD	2																	
MEOTAC																		
3-12x50 RD	1																	
MEOSTAR R1																		
R1 1-4x22	2	•	•			•												
R1 1-4x22 RD	2																	
R1 1-4x22 RD/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 7x56 RD	2																	
R1r 3-12x56	2		•			•								•				
R1r 3-12x56 RD	2																	
R1r 3-12x56 RD/MR	2																	
R1r 3-12x56 RGD	2																	



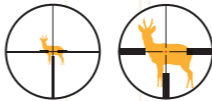
*Reticle at front focal plane (1)



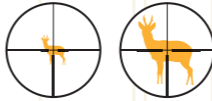
* Reticle at rear focal plane (2)

Certain combinations of rifle scopes and reticles are only available by special order.

ILLUMINATED RETICLES																									
Model	Focal plane*	4C/1	4C/2	4K	KDOT	MilDot 2	to 5.56 ZD	7.62 NATO	MilDot S	KDOT 2	MT 223	MilDot 3	BDC 2	BDC 3	MT 308	4C Dichro	KDOT RD	Z-Plus RD	BDC RD	.223 RD	.308 RD	6.5CM RD	MRAD 1	MRAD 2	MRAD Dichro
OPTIKA6																									
1-6x24 RD	2	•								•				•			•								
2.5-15x44 RD	2	•		•										•						•	•				
3-18x50 RD	2	•		•										•				•							
3-18x56 RD	2	•		•										•											
4.5-27x50 RD	2	•		•										•						•	•	•			
1-6x24 FFP RD	1									•										•				•	
3-18x50 FFP RD	1	•																•	•	•	•		•		
3-18x56 FFP RD	1	•																•	•				•		
4.5-27x50 FFP RD	1	•																	•	•	•	•	•	•	
5-30x56 FFP RD	1											•									•				•
ZD TACTICAL																									
ZD 1-4x22 RD	2						•	•																	
ZD 4-16x44 RD	2								•																
ZD 6-24x56 RD	2					•					•					•									
MEOTAC																									
3-12x50 RD	1											•													
MEOSTAR R1																									
R1 1-4x22	2																								
R1 1-4x22 RD	2					•																			
R1 1-4x22 RD/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 7x56 RD	2	•																							
R1r 3-12x56	2																								
R1r 3-12x56 RD	2	•		•									•	•											
R1r 3-12x56 RD/MR	2	•		•									•	•											
R1r 3-12x56 RGD	2	•	•																						
MEOSTAR R2																									
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 2.5-15x56 RD-PA	2	•		•										•	•										
R2 2.5-15x56 RD/MR-PA	2	•		•										•	•										
R2 1.7-10x42 RD	2	•		•										•	•										
R2 2-12x50 RD	2	•		•										•	•										
R2 8x56 RD	2	•		•																					



*Reticle at front focal plane (1)



* Reticle at rear focal plane (2)

Certain combinations of rifle scopes and reticles are only available by special order.

Line	Model	Magnification	Objective Diameter (mm)	Objective Thread	Tube (mm)	Field of View (°)	Field of View (m/100m)	Eye Relief (cm)	Focal Plane	Dioptric Compensation	Impact per Click (cm/100m)	Impact per Click (MOA)	Elevation Range (cm/100m)	Elevation Range (MOA)	Windage Range (cm/100m)	Windage Range (MOA)	Parallax Correction	Length (mm)	Weight (g)
MEOSTAR R2																			
	MeoStar R2 1-6x24 RD	1,0x÷6,0x	24,0	M26,5x0,75	30,0	21,3 ÷ 3,6	37,6 ÷ 6,3	98 ÷ 96	2	+3,0 / -3,0 D	1,50	0,52	401	138	401	138		297	492
	MeoStar R2 1-6x24 RD/MR	1,0x÷6,0x	24,0	M26,5x0,75	30,0	21,3 ÷ 3,6	37,6 ÷ 6,3	98 ÷ 96	2	+3,0 / -3,0 D	1,50	0,52	401	138	401	138		297	530
	MeoStar R2 1,7-10x42 RD	1,7x÷10,0x	42,0	M46x0,75	30,0	12,5 ÷ 2,1	21,9 ÷ 3,7	98 ÷ 94	2	+3,0 / -3,0 D	0,70	0,24	256	88	256	88		328	576
	MeoStar R2 2-12x50 RD	2,0x÷12,0x	50,0	M53x0,75	30,0	10,6 ÷ 1,8	18,6 ÷ 3,1	98 ÷ 95	2	+3,0 / -3,0 D	0,70	0,24	204	70	204	70		356	596
	MeoStar R2 2,5-15x56 RD	2,5x÷15,0x	56,0	M59x0,75	30,0	8,5 ÷ 1,4	14,9 ÷ 2,5	97 ÷ 95	2	+3,0 / -3,0 D	0,70	0,24	175	60	175	60		353	650
	MeoStar R2 2,5-15x56 RD/MR	2,5x÷15,0x	56,0	M59x0,75	30,0	8,5 ÷ 1,4	14,9 ÷ 2,5	97 ÷ 95	2	+3,0 / -3,0 D	0,70	0,24	175	60	175	60		353	685
	MeoStar R2 2,5-15x56 RD PA	2,5x÷15,0x	56,0	M59x0,75	30,0	8,5 ÷ 1,4	14,8 ÷ 2,4	97 ÷ 95	2	+3,0 / -3,0 D	0,70	0,25	163	56	163	56	10m - ∞	353	667
	MeoStar R2 2,5-15x56 RD/MR PA	2,5x÷15,0x	56,0	M59x0,75	30,0	8,5 ÷ 1,4	14,8 ÷ 2,4	97 ÷ 95	2	+3,0 / -3,0 D	0,70	0,25	163	56	163	56	10m - ∞	353	700
	MeoStar R2 8x56 RD	8,0x	56,0	M59x0,75	30,0	2,6	4,5	100	2	+3,0 / -3,0 D	0,70	0,24	163	56	163	56		353	588
MEOSTAR R1																			
	MeoStar R1 1-4x22 RD/MR	1,0x÷4,0x	22,0	M26,5x0,75	30,0	20,4 ÷ 4,9	35,9 ÷ 8,6	84 ÷ 88	2	+3,0 / -3,0 D	1,50	0,52	326	112	326	112		307	560
	MeoStar R1 1-4x22	1,0x÷4,0x	22,0	M26,5x0,75	30,0	20,4 ÷ 5,0	35,9 ÷ 8,6	84 ÷ 88	2	+3,0 / -3,0 D	1,50	0,52	335	115	335	115		300	480
	MeoStar R1 1-4x22 RD	1,0x÷4,0x	22,0	M26,5x0,75	30,0	20,4 ÷ 4,9	35,9 ÷ 8,6	84 ÷ 88	2	+3,0 / -3,0 D	1,50	0,52	335	115	335	115		307	535
	MeoStar R1 1,5-6x42 RD	1,5x÷6,0x	42,0	M46x0,75	30,0	12,8 ÷ 3,9	22,4 ÷ 6,8	82 ÷ 95	2	+3,0 / -3,0 D	0,70	0,24	276	95	276	95		344	584
	MeoStar R1 3-10x50	3,0x÷10,0x	50,0	M57x0,75	30,0	7,6 ÷ 2,3	13,3 ÷ 4,0	80 ÷ 82	2	+3,0 / -3,0 D	0,70	0,24	204	70	204	70		331	600
	MeoStar R1 3-12x56 RD	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 2,0	11,0 ÷ 3,5	83 ÷ 77	1	+3,0 / -3,0 D	0,70	0,24	125	43	125	43		365	660
	MeoStar R1 3-12x56	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 2,0	11,0 ÷ 3,5	83 ÷ 77	1	+3,0 / -3,0 D	0,70	0,24	125	43	125	43		365	620
	MeoStar R1 4-12x40	4,0x÷12,0x	40,0	M46x0,75	30,0	5,8 ÷ 1,9	10,1 ÷ 3,4	91 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	160	55	160	55		328	518
	MeoStar R1 4-16x44	4,0x÷16,0x	44,0	M52x0,75	30,0	4,9 ÷ 1,4	8,5 ÷ 2,4	100 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	122	42	122	42	9m - ∞	389	740
	MeoStar R1 7x56 RD	7,0x	56,0	M59x0,75	25,4	3,3	5,8	85	2	+3,0 / -3,0 D	0,70	0,24	151	52	151	52		354	524
	MeoStar R1 7x56	7,0x	56,0	M59x0,75	25,4	3,3	5,8	85	2	+3,0 / -3,0 D	0,70	0,24	151	52	151	52		354	495
	MeoStar R1r 3-12x56 RD/MR	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 1,9	11,0 ÷ 3,4	90 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	145	50	145	50		341	675
	MeoStar R1r 3-12x56 RD	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 1,9	11,0 ÷ 3,4	90 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	145	50	145	50		341	650
	MeoStar R1r 3-12x56	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 1,9	11,0 ÷ 3,4	90 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	145	50	145	50		341	620
	MeoStar R1r 3-12x56 RGD	3,0x÷12,0x	56,0	M59x0,75	30,0	6,3 ÷ 1,9	11,0 ÷ 3,4	90 ÷ 80	2	+3,0 / -3,0 D	0,70	0,24	145	50	145	50		341	650
MEOPRO OPTIKA6																			
	MeoPro Optika6 1-6x24 RD FFP	1,0x÷6,0x	24,0	M28,2x0,75	30,0	20,7 ÷ 3,6	36,5 ÷ 6,3	100 ÷ 100	1	+3,5 / -2,5 D	1,50	0,50	349	120	349	120		256	578
	MeoPro Optika6 1-6x24 SFP	1,0x÷6,0x	24,0	M28,2x0,75	30,0	20,7 ÷ 3,6	36,5 ÷ 6,3	100 ÷ 100	2	+3,5 / -2,5 D	1,50	0,50	349	120	349	120		256	578
	MeoPro Optika6 1-6x24 RD SFP	1,0x÷6,0x	24,0	M28,2x0,75	30,0	20,7 ÷ 3,6	36,5 ÷ 6,3	100 ÷ 100	2	+3,5 / -2,5 D	1,50	0,50	349	120	349	120		256	578

MeoPro Optika6 1-6x24 FFP	1,0x÷6,0x	24,0	M28,2x0,75	30,0	20,7 ÷ 3,6	36,5 ÷ 6,3	100 ÷ 100	1	+3,5 / -2,5 D	91%	1,50	0,50	349	120	349	120		256	578
MeoPro Optika6 2,5-15x44 SFP	2,5x÷15,0x	44,0	M48,5x0,75	30,0	7,6 ÷ 1,3	13,3 ÷ 2,3	100 ÷ 100	2	+3,5 / -2,5 D	91%	1,00	0,34	204	70	204	70	9m - ∞	359	772
MeoPro Optika6 2,5-15x44 RD SFP	2,5x÷15,0x	44,0	M48,5x0,75	30,0	7,6 ÷ 1,3	13,3 ÷ 2,3	100 ÷ 100	2	+3,5 / -2,5 D	91%	0,70	0,25	204	70	204	70	9m - ∞	359	772
MeoPro Optika6 3-18x50 RD FFP	3,0x÷18,0x	50,0	M55x0,75	30,0	6,4 ÷ 1,1	11,2 ÷ 1,9	100 ÷ 100	1	+2,0 / -2,0 D	91%	0,70	0,25	262	90	262	90	23m - ∞	371	849
MeoPro Optika6 3-18x50 SFP	3,0x÷18,0x	50,0	M55x0,75	30,0	6,4 ÷ 1,1	11,2 ÷ 1,9	100 ÷ 100	2	+2,0 / -2,0 D	91%	1,00	0,34	262	90	262	90	23m - ∞	371	849
MeoPro Optika6 3-18x50 FFP	3,0x÷18,0x	50,0	M55x0,75	30,0	6,4 ÷ 1,1	11,2 ÷ 1,9	100 ÷ 100	1	+2,0 / -2,0 D	91%	1,00	0,34	262	90	262	90	23m - ∞	371	849
MeoPro Optika6 3-18x50 RD SFP	3,0x÷18,0x	50,0	M55x0,75	30,0	6,4 ÷ 1,1	11,2 ÷ 1,9	100 ÷ 100	2	+2,0 / -2,0 D	91%	0,70	0,25	262	90	262	90	23m - ∞	371	849
MeoPro Optika6 3-18x56 FFP	3,0x÷18,0x	56,0	M61x0,75	30,0	6,3 ÷ 1,1	11,1 ÷ 1,9	100 ÷ 100	1	+2,0 / -2,0 D	91%	1,00	0,34	262	90	262	90	9m - ∞	368	865
MeoPro Optika6 3-18x56 RD SFP	3,0x÷18,0x	56,0	M61x0,75	30,0	6,3 ÷ 1,1	11,1 ÷ 1,9	100 ÷ 100	2	+2,0 / -2,0 D	91%	0,70	0,25	262	90	262	90	9m - ∞	369	865
MeoPro Optika6 3-18x56 RD FFP	3,0x÷18,0x	56,0	M61x0,75	30,0	6,3 ÷ 1,1	11,1 ÷ 1,9	100 ÷ 100	1	+2,0 / -2,0 D	91%	0,70	0,25	262	90	262	90	9m - ∞	368	865
MeoPro Optika6 3-18x56 SFP	3,0x÷18,0x	56,0	M61x0,75	30,0	6,3 ÷ 1,1	11,1 ÷ 1,9	100 ÷ 100	2	+2,0 / -2,0 D	91%	1,00	0,34	262	90	262	90	9m - ∞	368	865
MeoPro Optika6 4,5-27x50 RD FFP	4,5x÷27,0x	50,0	M55x0,75	30,0	4,2 ÷ 0,7	7,3 ÷ 1,2	100 ÷ 100	1	+2,0 / -2,0 D	91%	0,70	0,25	244	84	244	84	23m - ∞	361	882
MeoPro Optika6 4,5-27x50 SFP	4,5x÷27,0x	50,0	M55x0,75	30,0	4,2 ÷ 1,1	7,3 ÷ 1,9	100 ÷ 100	2	+2,0 / -2,0 D	91%	1,00	0,34	244	84	244	84	23m - ∞	361	882
MeoPro Optika6 4,5-27x50 FFP	4,5x÷27,0x	50,0	M55x0,75	30,0	4,2 ÷ 0,7	7,3 ÷ 1,2	100 ÷ 100	1	+2,0 / -2,0 D	91%	1,00	0,34	244	84	244	84	23m - ∞	361	882
MeoPro Optika6 4,5-27x50 RD SFP	4,5x÷27,0x	50,0	M55x0,75	30,0	4,2 ÷ 0,7	7,3 ÷ 1,2	100 ÷ 100	2	+2,0 / -2,0 D	91%	0,70	0,25	244	84	244	84	23m - ∞	361	882
MeoPro Optika6 5-30x56 RD FFP	5,0x÷30,0x	56,0	M61x0,75	34,0	4,7 ÷ 0,7	8,2 ÷ 1,2	100 ÷ 100	1	+2,0 / -2,0 D	91%	0,70	0,25	320	110	320	110	23m - ∞	392	1039
MeoPro Optika6 5-30x56 FFP	5,0x÷30,0x	56,0	M61x0,75	30,0	4,7 ÷ 0,7	8,2 ÷ 1,2	100 ÷ 100	1	+2,0 / -2,0 D	91%	1,00	0,34	320	110	320	110	23m - ∞	392	1039
MEOTAC / ZD																			
MeoTac 3-12x50 RD	3,0x÷12,0x	50,0	M54x0,75	34,0	7,0 ÷ 1,8	12,2 ÷ 3,1	90 ÷ 90	1	+3,0 / -3,0 D	93%	1,00	0,34	291	100	160	55	25m - ∞	316	970
MeoTac 5-30x56 RD	5,0x÷30,0x	56,0		34,0	4,2 ÷ 0,7	7,4 ÷ 1,2	93 ÷ 91	1	+2,5 / -3,5 D	93%	1,00	0,34	291	100	160	55	25m - ∞	426	1095
ZD 1-4x22 RD	1,0x÷4,0x	22,0	M26,5x0,75	30,0	20,5 ÷ 5,3	36,1 ÷ 9,2	81 ÷ 88	2	+3,0 / -3,0 D	92%	1,50	0,52	326	112	326	112		248	550
ZD 4-16x44 RD	4,0x÷16,0x	44,0	M52x0,75	30,0	4,9 ÷ 1,4	8,5 ÷ 2,4	100 ÷ 80	2	+3,0 / -3,0 D	92%	0,50	0,17	137	47	137	47	9m - ∞	389	800
ZD 6-24x56 RD	6,0x÷24,0x	56,0	M59x0,75	30,0	3,2 ÷ 0,9	5,6 ÷ 1,5	89 ÷ 80	2	+3,0 / -3,0 D	92%	0,70	0,24	241	83	122	42	25m - ∞	386	865

Line	Model	Magnification	Objective Diameter (mm)	Objective Thread	Field of View (°)	Field of View (m/100m)	Eye Relief (cm)	Dioptric Compensation	Transmission	Impact per Click (cm/100m)	Impact per Click (MOA)	Elevation Range (cm/100m)	Elevation Range (MOA)	Windage Range (cm/100m)	Windage Range (MOA)	Length (mm)	Weight (g)
MEODACE																	
	MeoAce 3x20	3,0x	ø 20,0	M26x0,5	7,0°	12,2	65	+4,0D/-4,0D	87%	2,90	1,00	349	120	349	120	123	350
	MeoAce 5x40	5,0x	ø 40,0	M47x0,5	4,0°	7,0	65	+4,0D/-4,0D	87%	2,00	0,70	233	80	233	80	180	475
MEONAG																	
	MeoMag 3x	3,0x	ø 20,0		6,0°	10,5	60	+3,0D/-4,0D	85%							118	212

Line	Model	Magnification	Objective Diameter (mm)	Field of View Ø	Field of View (m/1000m)	Eye Relief (cm)	Close Focus (m)	Exit Pupil Dia. (mm)	Dioptric Compensation	Transmission	Interpupillary Dist. (mm)	Height (mm)	Width (mm)	Depth (mm)	Weight (g)
MEOSTAR B1.1															
	MeoStar B11 8x32	8,0x	32,0	8,0	139	16	1,7	4,0	+3,0 D/-3,0 D	88%	58 ÷ 74	123	125	49	600
	MeoStar B11 10x32	10,0x	32,0	6,4	111	16	1,5	3,2	+3,0 D/-3,0 D	87%	56 ÷ 75	133	121	49	591
	MeoStar B11 8x42	8,0x	42,0	7,9	138	17	3,0	5,3	+3,0 D/-3,0 D	88%	56 ÷ 74	150	133	59	906
	MeoStar B11 10x42 HD	10,0x	42,0	6,3	111	15	2,6	4,2	+3,0 D/-3,0 D	88%	56 ÷ 74	140	133	59	950
	MeoStar B11 7x50	7,0x	50,0	7,2	127	23	4,0	7,1	+3,0 D/-3,0 D	89%	56 ÷ 74	180	138	59	995
	MeoStar B11 10x50	10,0x	50,0	6,3	110	17	4,0	5,0	+3,0 D/-3,0 D	88%	56 ÷ 74	180	138	59	1020
	MeoStar B11 12x50 HD	12,0x	50,0	5,3	93	15	3,4	4,2	+3,0 D/-3,0 D	88%	56 ÷ 74	173	139	59	1079
	MeoStar B11 8x56	8,0x	56,0	6,4	111	22	5,0	7,0	+3,0 D/-3,0 D	88%	56 ÷ 74	204	142	64	1147
	MeoStar B11 15x56 HD	15,0x	56,0	4,2	74	15	4,3	3,7	+3,0 D/-3,0 D	89%	56 ÷ 74	201	142	62	1240
MEOSTAR B1 R															
	MeoStar B1 R 8x32 RX	8,0x	32,0	7,9	138	16	1,7	4,0	+3,0 D/-3,0 D	88%	58 ÷ 74	123	125	49	650
	MeoStar B1 R 10x42 R HD	10,0x	42,0	6,3	110	15	2,6	4,2	+3,0 D/-3,0 D	88%	56 ÷ 74	140	133	59	960
MEOPRO AIR															
	MeoPro Air 8x42 HDED+	8,0x	42,0	7,9	138	22	2,0	5,3	+4,0 D/-4,0 D	86%	56 ÷ 74	155	127	0	800
	MeoPro Air 10x42 HDED+	10,0x	42,0	6,5	114	18	2,0	4,2	+4,0 D/-4,0 D	86%	56 ÷ 74	155	127	0	800
MEOPRO OPTIKA HD															
	MeoPro Optika HD 8x42	8,0x	42,0	7,5	131	17	2,5	5,3	+4,0 D/-4,0 D	88%	56 ÷ 74	138	127	49	699
	MeoPro Optika HD 10x42	10,0x	42,0	6,0	105	15	3,0	4,2	+4,0 D/-4,0 D	88%	56 ÷ 74	138	127	49	699

Line	Model	Magnification	Objective Diameter (mm)	Field of View (°)	Field of View (m/100m)	Eye Relief (cm)	Close Focus (m)	Exit Pupil Dia. (mm)	Dioptric Compensation	Transmission	Interpupillary Dist. (mm)	Height (mm)	Width (mm)	Depth (mm)	Weight (g)	Ranging (m)	Accuracy Compass	Battery	Ranging Accuracy 1 (+/-1,0m)	Inclination Range	Battery Lifetime	Ranging Accuracy 2 (+/-2,0m)	Laser	Ranging Accuracy 3(+/-0,5%)
MEORANGE																								
	MeoRange 10x42 HD-AB	10,0x	42,0	6,3	110	19	3,5	4,2	+5,0 D/-5,0 D	88%	56 ÷ 74	157	134	70	1019	10 ÷ 1500	+/- 5°	1xCr2 Li-Ion 3V	≤ 500m	+/- 88°	1 500 cycles	≤ 1 000m	Class 1	≤ 1 500m
	MeoRange 10x42 HD	10,0x	42,0	6,3	110	19	3,5	4,2	+5,0 D/-5,0 D	86%	56 ÷ 74	157	134	70	1019	10 ÷ 1500	+/- 5°	1xCr2 Li-Ion 3V	≤ 500m	+/- 88°	1 500 cycles	≤ 1 000m	Class 1	≤ 1 500m

Line	Model	Magnification	Objective Diameter (mm)	Dot Size (MOA)	Battery	Battery lifetime (hrs)	Transmission	Impact per Click (cm/100m)	Impact per Click (MOA)	Elevation Range (cm/100m)	Elevation Range (MOA)	Windage Range (cm/100m)	Windage Range (MOA)	Length (mm)	Width (mm)	Depth (mm)	Weight (g)
OPEN SIGHT																	
	MeoRed 30	10x	23,5 x 17,0	3,00	Cr 2032	300	86%			262	90	349	120	48	26	27	30
	M-Red 3-FL	10x	24,0 x 16,3	3,00	2x Cr 1632	520	80%			524	180	466	160	59	45	50	159
	MeoSight III 30	10x	27,0 x 17,0	3,00	Cr 2032	300	86%			349	120	349	120	47	26	31	36
TUBE SIGHT																	
	MeoRed T-mini	10x	15,8 x 24,0	3,00	2xCr 1632	520	92%	760	2,60	349	120	349	120	60	30	37	80
	MeoRed T	10x	ø 30,0	1,50	AA	2000	85%	1,50	0,50	233	80	233	80	123	59	67	250

Range	Model															
MEOSTAR S2																
Eyepieces	S2 82 HD	Straight			82	439				4.1	+/-3	1/4-20	340	1430		
		Angled			82	439				4.15	+/-3	1/4-20	326	1454		
	30-60x WA	min				14.6	2.55	18			+/-3		116	345		
		max				7.3	1.2	18					116	345		
		20-70x	min				21.8	2.35	18					118	406	
		max				6.3	0.93	18					118	406		
MEOPRO HD80																

Range	Model																
TGA 75																	
	TGA 75			75	329					4.25	+/- 5	1/4-20	250/375	1250			
	30xWA			11	2.14	16.8							76	105			
														90	160		
20-60x		min	20X	16.2	1.8	15.3											
		max	60X	5.55	0.9	17							90	160			

A BETTER VIEW OF THE WORLD



MEOPTA - OPTIKA, S.R.O.

Kabelikova 1

Prerov 750 02

Tel: +420 581 243 684

www.meoptasportsoptics.com