

THOR Global Defense Group

THOR M375

Advanced Long Range Interdiction System

Sales and Technical Information Package

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Subject: Sales and Technical Information Package for THOR M375

THOR Advanced Long Range Interdiction

The basis of the THOR M375 Advanced Long Range Interdiction System is the M375 rifle. In testing, the system has proven to be capable of soft target interdiction to ranges of 3000 yards. While conceived as simply a rifle, the THOR M375 has developed into a total system package.

THOR M375 system consists of the following sub-components:

1. THOR M375 Rifle

The THOR M375 is a 7 shot repeating, takedown rifle system. The barrel is removable and replaceable by the operator. The rifle has an over the barrel bipod system built onto the barrel shroud with carry handle. The M408 comes standard with a custom Kreiger barrel and completely adjustable butt stock. In fact, the entire rifle is maintainable at the operator level – including complete tear down. Spare barrels can be maintained at the unit level and replacement can be made in the field, allowing for special barrel design and shorter barrels. The takedown capabilities provides a safe rifle which supports all methods of infiltration; including military free-fall, static line, small boat, dive lockout as well as all other forms of infiltration. The M375 repeats its different zeros extremely well. The system has been repeatedly disassembled and reassembled with no change in zero. This includes removal of the barrel and reinstallation, removing and reinstalling the optics and removing and reinstalling the suppressor. The M375 is very pleasurable to shoot due to the purpose built and very effective muzzle brake that has very little overpressure felt by shooter or observer.

Rifle details are as follows:

Caliber - .375 CheyTac

Receiver - One-piece, CNC machined 4140 chrome-moly, hardened to 4042 Rockwell

Trigger - Remington Style set at 4lb

Length - Extended 54.5in / 138.4cm and Collapsed 48in / 121.9cm

Weight - 26 lbs / 11.79kg

Barrel - 30 inches / 76.2cm Custom Kreiger

Custom Muzzle Brake

Twist rate - 1:11 twist

Rail Length - 10in / 25.4cm

Monopod folds in and out of the buttstock

Adjustable Buttstock

7rd magazine

Over the barrel bipod system with shroud and carry handle

2. **The Ammunition**

The 375 cartridge was developed to expand the supersonic distance of the 408 cartridge. There are several manufactures designing and producing projectiles in various different metal alloys and weights. At standard air conditions the projectiles have an average of 2200 yards supersonic distance. Depending on projectile manufacture, design, weight, etc the ballistic co-efficient ranges from .9-1.12

Here is list of projectile manufactures:

Jamison--Solids

GS Custom Bullets--Solids

Cutting Edge Bullets--Solids

Hunting Shack Munitions--Solids

Lehigh Defense Bullets--Solids

Rocky Mtn Bullets--Jacketed

Dynamic Research Bullets--Solids

Predator Bullets--Solids

Here is list of brass manufactures:

Jamison

Bertram

3. **Cleaning Kits (\$70)**

We can supply complete cleaning kit(s) built exclusively with Dewey Mfg equipment for the THOR M375 to include the following items:

35C-44 Dewey Rod: 44" Heavy duty nylon coated rod with male threads

375C-PH: 375cal female threaded parker hale style jag

B-375N: 416cal nylon bristle brush

BPS-3: 3" square patches (250)

4. **THOR Scope Rings**

THOR had designed 3 different ring sets to ensure your optics are secured to the rifle with 100% consistency. Pictured below are the THOR Ultra Heavy Duty rings for 30mm scope tubes. As you can see in the picture these rings are wider than normal rings. We fill the extra wide rings are essential with such large caliber weapon system.



5. Kestrel 4500 with Blue Tooth Technology

The Kestrel 4500 Pocket Weather Tracker is Kestrel's flagship meter. Capable of monitoring and reporting an exhaustive list of environmental parameters – from temperature to barometric pressure, dew point, wind chill, and more**, the Kestrel 4500 is the most feature-rich pocket weather meter in the entire Kestrel catalog. And now, the Kestrel 4500, as well as the entire Kestrel 4000 series, is available with Bluetooth Technology, allowing you to communicate wirelessly and transmit and log your data automatically.

In addition to the Kestrel 4000's extensive list of capabilities, the Kestrel 4500 has these distinct monitoring functions:

- Digital Compass
- Wind Direction
- Crosswind
- Headwind / Tailwind

These added features make the 4500 the Kestrel Meter of choice for military professionals, HAZMAT teams, and flight crews. Like all the pocket weather meters in the Kestrel 4000 series, the Kestrel 4500 is capable of storing and charting up to 1400 data points for later analysis. If you select the Bluetooth model, your meter includes custom communication software designed to quickly and easily configure your data transmission frequency, download logged data, graph data and transfer data to other applications. It is no longer necessary to purchase an interface separately, the new Kestrel Meters with Bluetooth include the software necessary to communicate wirelessly at a range of up to 30-feet.

For military professionals, the Olive Drab NV version of the Kestrel 4500 features a night-vision preserving backlight. Backlight incorporates optical filter to reduce overall brightness and minimize blue and green spectrum light to preserve night vision. (Note: This backlight appears soft greyish pink, not "red", and is still in the visible spectrum, so is not compatible with night-vision equipment.)

For military professionals, the Olive Drab NV version of the Kestrel 4500 is equipped with a red night vision backlight. The backlight appears as a subdued, almost white-pink hue. This is not an issue with the meter - this is how the light is designed for optimal performance in low-light conditions.

Weekend shooters and military snipers alike have been calling for a Kestrel Meter with crosswind calculation for years — and the Kestrel 4500 meets that demand completely. The elite Kestrel 4500 has the most complete list of features in the entire Kestrel Meter family, with the only absent elements being the airflow and humidity ratio measurements available with the Kestrel 4200 Air Flow Tracker.

6. Fire Control System

SORD™ (Shooter Objective Ranging Device) links two mission-critical tools for accurate aiming solutions – with flexibility and speed that no other system can provide. Industry leaders Horus Vision and Vectronix Inc. have teamed up to deliver The Sniper's Edge. SORD enables rapid ranging with a Vectronix Laser Range Finder (LRF) and instantly sends target data into the Horus ATrag™ MX Ballistics Calculator. It reduces the possibility of human error and eliminates manual entry of ranging data. For rapid accuracy in the field, SORD is the only integrated sniper/spotter solution.



7. Optic Devices

We recommend either the S&B 5-25x56 PMII or the Nightforce NXS 5.5-22x56 scopes as primary day time optics. Each of these scopes has been extensively tested by the USA and numerous International Military Units.



5-25 x 56 Police Marksman II LP True 2000-meter capability. Unlike most long-range variables that offer only a 4x magnification multiple, the 5-25 x 56 provides a full 5x and a wider field of view. The parallax adjustment is in a separate turret, completely adjustable from 10 meters to infinity. The illuminated reticle has 11 graduated settings offering precise control relative to ambient light. The scope includes Schmidt & Bender's unique color-coded "Double Turn" elevation knob that gives the shooter instant reference to where the elevation is set. The entire 100-minute adjustment range can be covered in just two turns of the knob. The user will never become "lost" within the adjustment range. The 5-25 x 56 is offered with 56 MOA of 1/4 MOA clicks, or 273cm (93 MOA) of 1cm clicks. Choose from either P3 or P4 reticles.



5.5-22 x 56 NXS with zero stop and MLR Reticle

The ultimate long range scope. Its 56mm objective lens provides maximum clarity and resolution across the entire magnification range. The most advanced field tactical scopes ever produced, the wide magnification factor of our 5.5-22 series allows precision accuracy at the longest ranges, yet at 5.5 power remains highly effective for shots at close ranges. Nightforce was the first company committed to perfecting extreme magnification variable power scopes. Our years of experience perfecting long-range optics are evident in every scope we build.

8. Night Vision Optics

The ATN Mars Night Vision Weapon scopes - the world's largest line of the professional Night Vision sights has a flagship – the ATN MARS6x-4.

Inspired by ATN's quest for technical perfection and named after the Roman God of War, the ATN MARS6x-4 NV riflescope represents the absolute latest in the world of Night Vision equipment.

Similar to all of the ATN Aries scopes the ATN MARS6x-4 features only the purest grades of heavy glass and computer-aided optical designs to create multi-element, high-speed, multi-coated lenses for ultra-fast light transmission and resolution beyond current military standards.

All optical lenses on the ATN MARS6x-4 are individually fitted and calibrated to achieve optimum performance.



9. Thermal Optics

ATN Thermal Imaging Has Gone Digital!

ATN is proud to introduce the newest line of ThOR Thermal Weapon Scopes. The most advanced night vision technology available is brought to you by the premier company dedicated to providing night vision systems at affordable prices. The new ThOR line is rich with features and options making it the best value of any comparable system on the market. This model is lightweight and small enough to fit in the palm of your hand, yet it's rugged and durable.

The entire system is built in the USA, utilizing Mil-Spec Lenses that make the ThOR battle worthy for most any mission, operation, or outdoor activity. Each system features a digital menu that gives you a variety of options and adjustments allowing you to customize your system. You can select a number of reticle options (4 standard) as well as choose a reticle color best suited for your specific application. No more black reticles on a black and white screen – ThOR features a color OLED display giving you a sharp color reticle every time. Or switch to full color mode (5 available) and overlay it with either a black, green or red reticle depending on the conditions and the environment.

Ever have problems with a scope not being able to hold zero? The ThOR has no screws or springs that can create targeting errors. With all digital controls, the ThOR will NEVER allow your reticle to move off base.

The new ThOR is available in two basic models, the ThOR-320 (320x240). They feature a number of lens options as well as Fast or Enhanced Imaging capability. These scopes provide amazing image quality through total darkness, fog, or smoke. Darkness, camouflage or bright lights will not affect the sensitivity of these units. All units have feature E-Zoom to expand your optical magnification. They're Ideal for nighttime hunting, force protection, border patrol, police SWAT and special operations. And they feature a video-out connection and cable which will let you capture your nighttime operation on video. These units are priced like no other thermal devices in their class – as much as half of what you would expect to pay! No other product is comparable in value or price. The ATN ThOR functions equally well as a weapon scope or a handheld viewer. Once you experience Digital Thermal you may not want to use anything else again!



10. Spotting Scope

Leupold Mark 4 12-40x60 Tactical Spotting Scope is designed to stand up to the rigors of a tactical operator's life. The Mark 4 12-40x60mm Tactical spotting scopes from Leupold feature index matched lenses with an interior that facilitates light absorption for an incredibly sharp, bright, clear view. This Leupold spotting scope offers a vast field of view at all magnifications so you can track and located targets with ease, plus the range and versatility of a 12-40x60 spotting scope. Leupold has included folded light path lens and mirror optical system for an optical path of almost twice the length of the spotting scope. The Leupold 12-40x60 Mark 4 spotting scope has long eye relief for comfort and ease of use, and an armored magnesium construction for lightweight ruggedness. In addition, the nitrogen filled seal ensures a waterproof spotting scope.



11. The THOR M375 Advanced Long Range Interdiction System for soft targets

The M375 is a solid anti-personnel system to 2000 yards. The primary intent of the .375 is as an extreme range anti-personnel system. The extreme range capability of the M375 allows the shooter to standoff at a distance that is unparalleled by any other system, including the 50 SASR. As an anti-personnel system, the M375 is only limited by flight time in regards to flight of the projectile to the target. The nature of the target at that point becomes the limiting factor of the systems maximum effective range.

12. The THOR M375 Advanced Long Range Interdiction System for hard targets

The high remaining kinetic energy characteristics of the 419gr projectile make it a very effective anti-material rifle. The .50 BMG has a higher initial muzzle energy of 11,200 ft. lbs. vs. the 375s energy of 7,725 lbs. At 700 yards however, the remaining energy of the 375 is higher than that of the .50 caliber rifle. Ranges past 700 yards are the realistic engagement-range for anti-material rifles. The .375s 350grain projectile will defeat any material that the .50 BMG can defeat except those targets that require an explosive projectile. While the round of choice is the Raufoss for anti-material operations, there is a strong argument for use of solid projectiles for many of the material targets. Material targets such as surface to surface missiles can be easily engaged and defeated by the use of solid projectiles.

13. Prices, lead times and locations to Purchase

Please contact your local THOR dealer to enquire about prices, lead times and any special packages you or your department needs.

Please see <http://www.thorrifles.com/> if you have any questions or enquiries.