

A person wearing a red cap and camouflage clothing is shown in profile, looking through the scope of a rifle. The rifle is mounted on a tripod and has a large scope. The person is wearing tan gloves. The background is a sunset over a mountain range, with the sun low on the horizon, creating a warm, golden glow. The person is holding a small device, possibly a rangefinder or a smartphone, in their gloved hand.

Kestrel[®]
Ballistics

MAXIMIZE YOUR IMPACT.

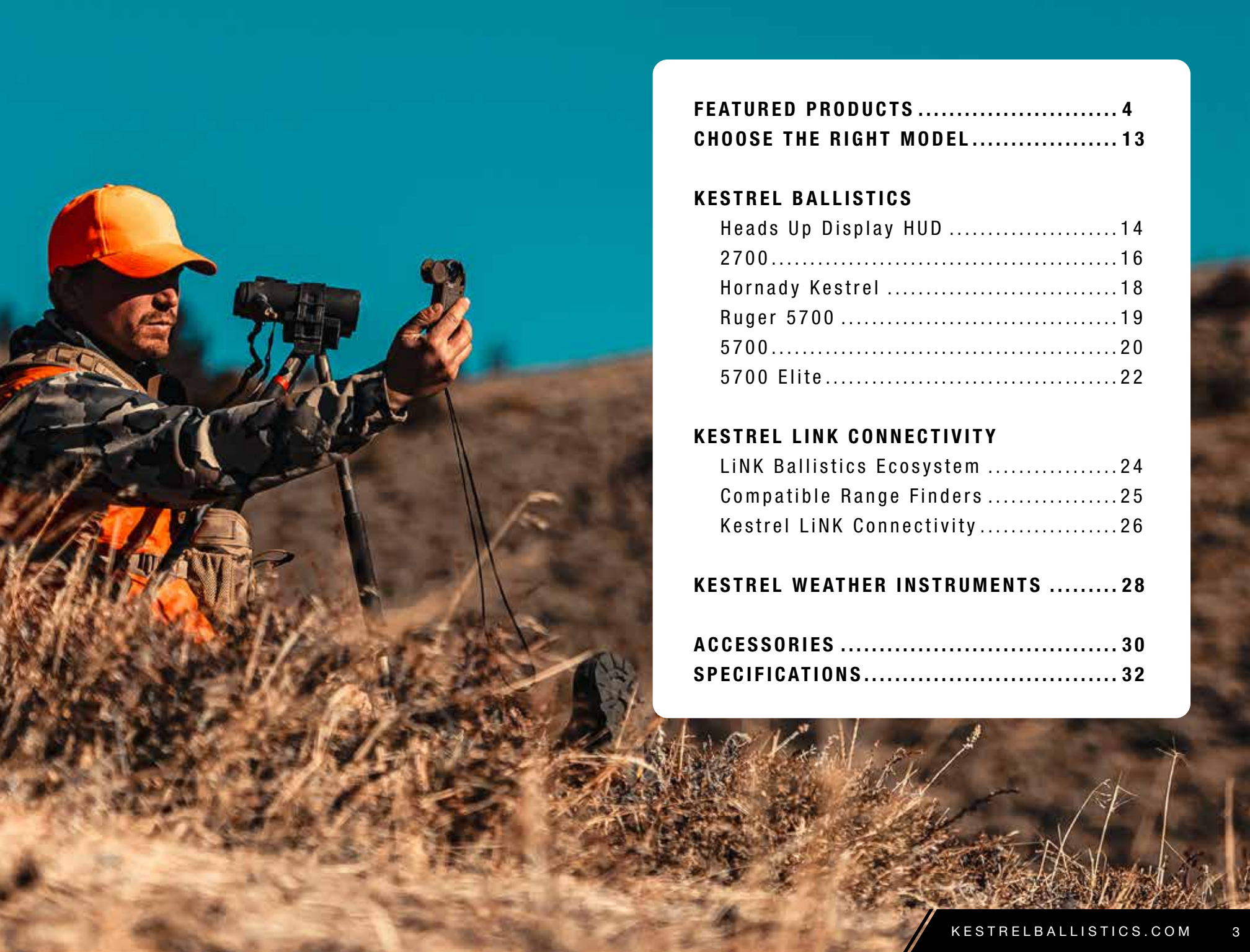
When it comes to facing a challenge head on, Kestrel knows there's no limit to how far you'll go. You're prepared to go the distance on the battlefield, on the hunt, and in competition. **WE'RE HERE TO HELP YOU MAXIMIZE YOUR IMPACT. NO MATTER THE JOB. NO MATTER THE ENVIRONMENT.**

The entire Kestrel line is designed and built in the USA – no other weather meter can say that. Kestrel meters are compact, extremely rugged, MIL-STD-810G drop-tested, IP67 waterproof, certified accurate, and backed by an industry-leading 5-year warranty. Long-lasting, tough and extremely rugged – military, law enforcement, and firefighting professionals rely on the Kestrel to perform and endure under the most demanding circumstances and in unforgiving environments from the combat frontlines to the wildland fire lines. Whether serving in the line of duty or active in the pursuit of your passion, you can depend on the accuracy and durability of Kestrel Meters under any conditions.



DESIGNED & BUILT
IN THE U.S.A.





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FEATURED PRODUCTS



HUD

Kestrel Heads Up Display

View critical target data and information without ever breaking out of the scope. The Kestrel HUD is a gun-mounted display that gives you instant access to real-time shooting solutions from your Kestrel 5700. The 2.5" screen puts bold, sunlight-readable numbers right in your line of sight – maximizing your focus for effective rapid engagement of multiple targets.



2700

Kestrel 2700 Ballistics Meter

Extend your range with confidence you can land a sure shot the first time around. The 2700 simplifies the challenge of shooting at a longer distance – allowing you to quickly load your gun and bullet data and get the right elevation and wind hold to put you on target.



Hornady Kestrel

Kestrel 5700 with Hornady 4DOF®

The Kestrel 5700 with 4DOF® makes Hornady's 4DOF ballistics solver available on the preferred ballistics platform of shooters everywhere. With access to every projectile Drag Coefficient and flight model made available from Hornady's labs now and in the future, the Kestrel 5700 with 4DOF allows you to leave your phone and computer behind.



Kestrel
4.30
W1 0.40
W2 1.00
TR 725 yd
Wind Dir 30°
Wind Sp 8.18 mph
C 95.1 0

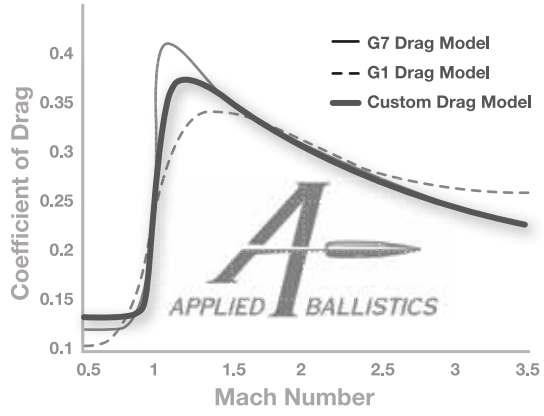


MILITARY &

ABSOLUTE ACCURACY FOR FIRST-SHOT CONFIDENCE

Missions can involve countless hours of careful observation and preparation. The operation's ultimate success is often determined in a critical, split-second moment of engagement. Everything is on the line when you line up that all-or-nothing shot. Kestrel Ballistics Meters deliver the uncompromising long-range accuracy required for tactical operations.

There's a reason that Kestrel meters have become trusted as the standard for military and law enforcement when it comes to long-range accuracy and repeatable reliability. Rugged, durable, and battle-tested – the Kestrel is built tough to perform under the most demanding circumstances.



Applied Ballistics Custom Curves

Rigorous live-fire & lab-tested rifle & bullet performance data results in unparalleled accuracy even over extreme distances.

Recommended Products:
KESTREL 5700 ELITE | KESTREL HUD
Available Colors ● ● ● ● ● |

LAW ENFORCEMENT

Packed with functional, advanced features proven to deliver precise firing solutions, Kestrel Ballistics Meters equip you with the necessary real-time data needed to successfully engage unpredictable targets at varying ranges and extreme distances, and in all kinds of weather conditions.

MANAGE GUNS

*338LM 300...	On
*300NOR 230...	On
*260REM 140...	On

* Exit ← adjust

Extensive Gun Storage

Storage for up to 30 Gun Profiles in the unit makes it easy for both shooter and spotter to quickly transition between saved profiles.

Cal DSF	(1343yd)
Range	1587yd
Drop	26.20mil
DSF	1.000

* Exit ← adjust

Extreme Long-Range Capabilities

Drop Scale Factor Calibration feature greatly improves accuracy out to extended distances.



Easily view target data and information without changing shooting position or letting the target leave your field of view. The gun-mounted Heads Up Display puts target and environmental details from your Kestrel 5700 in line of sight for eyes on critical data on multiple targets at varying ranges.





DROP-TESTED



WATERPROOF



DUSTPROOF



LINK ENABLED

PRECISION SHOOTING

THE MOST CHALLENGING DISTANCES ARE WITHIN REACH

Every second counts when you're up against the clock. You need precise shot data based on your exact location, actual weather conditions, and multiple targets – and most importantly, you need it now. Precision shooting isn't for those who believe "close enough" is acceptable. Kestrel Ballistics Meters help prepare you not only to enter as a serious competitor, but to finish as a winner. Purpose-built to help shooters at any experience level – from beginner to advanced – Kestrel Ballistics Meters provide on-the-mark, precise elevation and wind holds for extreme long-range targets. Maximize your potential with a line of meters designed to meet your needs now and in the future.

Accounting for complete onsite atmospheric and incorporating your choice of powerful built-in ballistics solvers, the Kestrel can quickly capture each stage's worth of target information in fast-moving, high-pressure situations. The Kestrel gives you the competitive edge with fast, accurate data and reliable, repeatable results when it matters most.

Recommended Products:

KESTREL 5700 ELITE | KESTREL HUD

Available Colors



COMPETITIVE SHOOTING

In precision shooting, every shot counts when it comes down to points, speed, and cost. Instead of burning through ammo and losing precious time developing your DOPE, smoke the competition with first-round hits.



Faster Multi-Target Engagement

Pair your Kestrel Elite with the HUD to maximize efficiency and hit more targets in less time with the HUD. View real-time data for up to 10 targets all on one screen – without ever breaking out of the scope.

Tgt	Elv	<Rng>
A	11.36U	1000
B	3.62U	547
C	3.62U	547
D	3.62U	547

Custom Target Data

Crucial data for multiple targets all at-a-glance – view and save firing solutions for up to 10 custom targets at varying ranges and conditions in your Kestrel Elite.

GUN...	G22 Stvx
ZO...	0.00 cm
RT...	1:10.98in R
Eunit...	mil

* Exit ◀ adjust

For Any Weapon System

Choice of solution units Mils, MOA, inches, centimeters or clicks – works with any gun or targeting scope.

Range Estimate

Target...	0.30 m
Image...	0.25 mil
Range...	1333 yd

* Exit ◀ adjust

Critical Competitive Advantages

Target range estimator and lead correction features for downrange accuracy even on unknown distances and mover stages.





HUNTING

BE CONFIDENT THAT YOUR LONG SHOT IS A SURE THING

You'd travel far afield for the hunt of a lifetime. When the trophy you've been waiting for comes into view, you may only get one opportunity to bring it home. Don't let uncertainty hold you back from making the perfect shot. Combining comprehensive atmospheric measurements with a built-in ballistics calculator – Kestrel Ballistics Meters help to simplify one of the biggest challenges in hunting at longer ranges: determining extremely accurate holdovers for windage and elevation. There's no math or guesswork for you to do in the field – the Kestrel accounts for all variables that affect your bullet's trajectory over distance including range, bullet drop, velocity, wind, altitude, and more.

Long-Range Accuracy Under Any Conditions for Any Range, Any Target.



Recommended Products:

KESTREL 2700 | KESTREL 5700 | HORNADY KESTREL

Available Colors 

BRING YOUR A-GAME THIS HUNTING SEASON.

WHATEVER YOU'RE WORKING WITH

Build custom Gun Profiles from scratch or access the extensive rifle and ammunition library available in the app – all ready to go with field-tested details for verified long-range precision.

WHATEVER YOU'RE WORKING AGAINST

Uphill, downhill, extreme distance, wind and environmental – the Kestrel measures and accounts for all critical parameters to eliminate the guesswork and deliver immediate accuracy.

WHATEVER YOU'RE AFTER

From small to large targets – be confident in a clean shot on the first-round.

1 **UPDATE ENVIRO:**
 (Repeat approx.
 every 30 min.)
Start Capture Go
 ✱ Exit ↔ adjust

2 **CAPTURE DoF:**
 Point back of unit
 at target
Capture 204 deg
 ✱ Exit ↔ adjust

3 **CAPTURE WIND:**
 Point back of unit
 into wind
Start Capture Go
 ✱ Exit ↔ adjust






Easy Mode provides step-by-step instructions for setting up your first-round long-range shot.

*“The 5700 with Hornady 4DOF® takes the phone out of the equation entirely by incorporating 4DOF® into the weather meter, making it a **one-stop solution** for long-range shooters.”*





CHOOSE THE RIGHT MODEL FOR YOUR NEEDS

	 Kestrel 2700	 Ruger Kestrel	 Kestrel 5700	 Hornady Kestrel	 Kestrel 5700 ELITE
Gun Profile Storage	1 GUN	3 GUNS			30 GUNS
Target Storage	1 TARGET	1 TARGET			10 TARGETS
Solver	AB Ultralite®	Applied Ballistics®		Hornady 4DOF®	Applied Ballistics®
Corrects for wind, temp, & altitude changes	X	X	X	X	X
Easy Mode	X	X	X	X	X
MV Calibration	X	X	X	X	X
Coriolis & Spin Drift		X	X	X	X
Aerodynamic Cross Wind Jump		X	X	X	X
MV Temp Correction		X	X	X	X
Moving Target Lead Calculator		X	X	X	X
Target Speed & Range Calculator		X	X	X	X
Range Card					X
Custom Target card					X
Subsonic Range Truing (Drop Scale Factor)					X
Applied Ballistics Custom Curves					X
Hornady 4DOF Custom Bullet File				X	
Axial Form Factor Calibration				X	
Zero Angle				X	
Zero Offset		X			X
Connects to HUD		X		X	X



KESTREL HUD HEADS UP DISPLAY



KESTREL HUD




Target Card Screen

View and receive live updates for up to 10 unique targets when paired with the 5700 Elite.

ENGAGE & SHOOT TARGETS MORE RAPIDLY WITH CRITICAL LINE-OF-SIGHT DATA

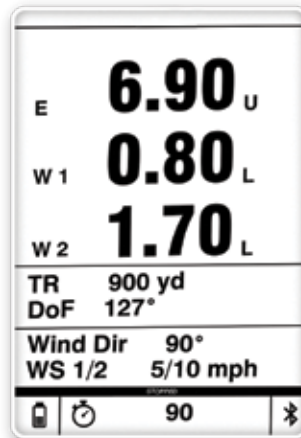
Convenient gun-mounted display puts accurate targeting solutions right before your eyes in bold, sunlight-readable digits. First and foremost, the Kestrel HUD puts real-time live shooting holds from your Kestrel 5700 up front and right where you need them for rapid engagement of multiple targets. The Kestrel HUD also offers an accelerometer tripped countdown timer – a feature unique in the market.

- » **Live Updates & Automatic Data** Spotters can feed shooters updated target data on the fly and stage data is immediately viewable on the HUD – no more markers and masking tape.
- » **At-a-Glance Multi-Target Data** View critical target data and information without ever breaking out of the scope.
- » **Field-Ready Durability** Lightweight but sturdy enough to stay firmly in place for any shooting situation weather-proof and recoil-tested – the HUD won't get banged up by bumping into a barricade at a match or knocking against a tree on a hunt.
- » **Remote Switch Optional Accessory** Change between targets and send target data to your Kestrel without changing your shooting position.



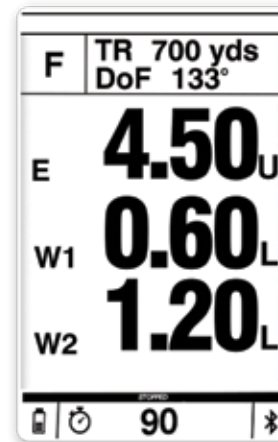
WATCH NOW

WATCH IT IN ACTION!
Point the camera in your phone at the QR code to see a video of this Kestrel product out on the range.



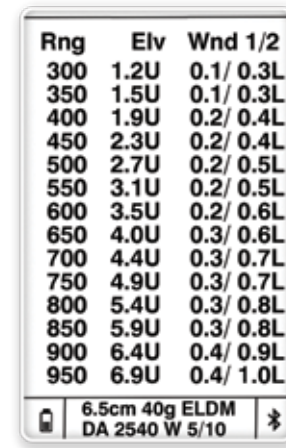
Single Target

Accurate shooting solutions with up-to-date target details as well as environmental information.



Large Font Option

Improves visibility and focus on critical data while reducing eye strain. Easy to read in direct sunlight and low light conditions.



DOPE Card Screen

Download full range card specific to your rifle and bullet – eliminating the need for pen and paper.



KESTREL 2700





Ballistics Weather Meter

DISTANCE CAN'T THROW YOU OFF WHEN YOUR AIM IS DEAD ON.

Designed for simplicity and purpose-built for single-gun, single-target operation, the 2700 delivers fast, accurate shooting solutions at the range or on the hunt. There's a lot more than distance standing between you and your target. With a tool that provides the answer to the unknown, or confirms your intuition, you can be confident in downrange accuracy under any conditions. Based on your specific rifle, ammo, and conditions at your exact location, the 2700 instantly calculates and compensates for bullet drop to predict the precise point of impact at a given distance. The 2700 packs all this accurate calculating power into a compact, lightweight, extremely rugged unit to give you the ideal all-weather standalone field device. Toss it in your truck, treestand, or gear bag – it will handle the abuse season after season, year after year.

- » **User-Friendly** – simple 3-button operation and step-by-step operation gets you started in minutes.
- » **Customizable shooting solutions** – Ballistics data specific to your rifle, bullet and scope.
- » **G1/G7 Ballistics Solver** – Large library of independently tested bullet data.
- » **Long-Distance Accuracy** – Expect extreme accuracy out to the max range of 875 yds.
- » **Protective Slip-On Cover** – Cover slides over the entire unit for added durability.
- » **Load & Go** – Once gun profiles are set up in the app and transferred to the unit, the 2700 is fully functional as a stand-alone field tool, eliminating the need to rely on a phone or an app.

MEASURES

-  **Wind Speed**
-  **Wind Direction**
-  **Temperature**
-  **Station Pressure**



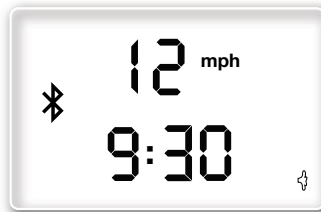
WATCH IT IN ACTION!
Point the camera in your phone at the QR code to see a video of this Kestrel product out on the range.





Single Target Display

Easily view the Elevation & Windage solutions for your shot.



Real-time Wind Capture

Extremely accurate wind correction based on wind right where you are.



LOAD AND GO

Build your gun profile in the LINK app, then leave your phone behind. You've got access to everything you need for first-shot confidence – accurate environmental & dead-on firing solutions all in the unit.

“When a shooter wants to get away from relying on their smartphone and all the pitfalls related to that, *Kestrel is the obvious answer*. I prefer using a Kestrel over the smartphone because of its *ruggedness, reliability, and the built-in anemometer.*”

POWERED BY

A
APPLIED BALLISTICS
ULTRALITE

KESTREL 5700 Ballistics Weather Meter with Hornady 4DOF®



Hundreds of thousands of shooters have trusted the 4DOF® Ballistics Calculator since its debut in 2016. Shooters now get to experience the full power of the 4DOF app on the ballistics platform preferred by shooters worldwide. Whether you're up in the mountains on the hunt or down in the mud competing in a match, count on the Kestrel with 4DOF to keep working alongside you despite challenging outdoor conditions. It's time to focus on your shot, not fumbling with your phone.

- » **Trajectory Validation** – Axial Form Factor Calibration allows you to verify the actual drop your bullet experiences over distance for the most precise shooting solutions.
- » **Simple Gun Profile Management** – Easily build and store multiple Gun Profiles with various rifle and ammunition combinations in the app for future use in the free Kestrel LiNK Ballistics App.
- » **User-Friendly & Extremely Rugged** – Easy operation and convenient for use in the outdoors with large buttons for navigating screens and entering information along with bright, clear, backlit display readable in direct sunlight or low-light situations.

POWERED BY



WATCH IT IN ACTION!

Point the camera in your phone at the QR code to see a video of this Kestrel product out on the range.



Choose from a wide selection of match and hunting style bullets from Hornady and other manufacturers in the extensive library of lab-tested bullet data available in the LiNK Ballistics app.



Quickly and accurately determine holdovers and windage corrections to get on target with first round hits.

GUN...	*USERGUN
MV...	2712 fps
DM...	G7
BC...	0.305
* Exit	↔ adjust

With a selection of Hornady ammo also available in the Kestrel unit itself, you can easily build a Gun Profile in the field or before heading out.

RUGER® KESTREL 5700 Ballistics Weather Meter



POWERED BY



WATCH IT IN ACTION!

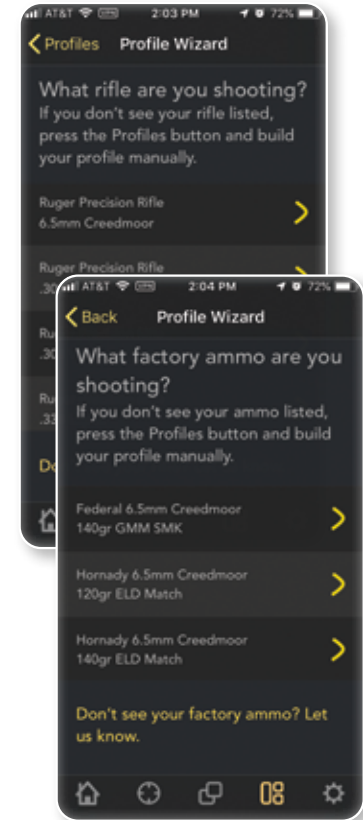
Point the camera in your phone at the QR code to see a video of this Kestrel product out on the range.



- » **G1/G7 Applied Ballistics** solver corrects for Aerodynamic Jump, Spin Drift and Coriolis to achieve accurate long-range shots.
- » **Easy Mode** provides guidance for a simplified process of setting up your shot.
- » **Environmental Capture** measures and adjusts for actual conditions wherever you are and automatically updates the ballistic solution - eliminating the need to re-zero when moving to a different altitude.
- » **Muzzle Velocity Calibration** for verifying actual bullet speed at any distance.
- » **Storage** for up to 3 Gun Profiles for the ability to save profiles and easily switch between different rifle and ammo combinations.

LINK BALLISTICS APP CONNECTIVITY

The Kestrel LiNK Ballistics app for the Ruger system gives you even more options to customize YOUR Ruger weapon system for convenience and precision. Ruger & Kestrel engineering teams have performed rigorous field-testing on the extensive library of Ruger rifle and various cartridge combinations for utmost accuracy.



Pre-loaded Rifle & Bullet Database

Select from the library of Ruger Precision Rifles & Match Grade ammo options for fast and easy set up.

* The Ruger Kestrel works with any brand of rifle or ammunition.



POWERED BY



KESTREL 5700 Ballistics Weather Meter

Tackling one of the biggest challenges in long-range shooting, the Kestrel 5700 helps you quickly and easily adjust for wind and elevation in any kind of conditions and across distance. The Kestrel 5700 is our affordable full-featured ballistics meter with an easy upgrade path to the 5700 Elite. Offering all of the solver capability to get you on target well into the trans-sonic range, the 5700 can be upgraded to add the Applied Ballistics custom drag models and expanded gun storage at any time in the future. No need to trade in your unit or even leave home to complete the upgrade – all it takes is a simple firmware installation done on your PC to load the complete set of Elite extreme long-range features.

1 **UPDATE ENVIRO:**
(Repeat approx. every 30 min.)
Start Capture Go
* Exit ◀ adjust

2 **CAPTURE DoF:**
Point back of unit at target
Capture 204 deg
* Exit ▶ adjust

3 **CAPTURE WIND:**
Point back of unit into wind
Start Capture Go
* Exit ▶ adjust

EASY MODE: Step by step long range shooting guidance

- » **G1/G7 Applied Ballistics solver** correcting for Aerodynamic Jump, Spin Drift and Coriolis to achieve accurate long-range shots.
- » **Muzzle Velocity Calibration Guide** allows for accurate measurement of bullet speed without a chronograph to improve accuracy.
- » **Environmental Capture** measures and adjusts for actual conditions wherever you are and automatically updates the ballistic solution - eliminating the need to re-zero when moving to a different altitude.
- » **Choice of Solution Units** Mills, MOA, Inches, Centimeters or Clicks, works with any gun or targeting scope.

D. GARWOOD, ONLINE REVIEW

“If you want *up to the minute drop charts* for your long range target rifles this is the latest and greatest”

LINK BALLISTICS APP CONNECTIVITY

Allows for convenient gun profile management and backup, access to the bullet library, and the ability to view solutions remotely on a mobile device.



iOS



SHOOTING ILLUSTRATED:

“Hit at 700 yards for the first time using my *Kestrel 5700*. First shot at each 100 yard interval was on target, making small adjustments to bring round into bullseye. *I love that it gave me up-to-date info in real time. Very good investment.*”





KESTREL 5700 ELITE Weather Meter With Applied Ballistics®

Trusted by the world's top military and competitive ELR shooters, the Kestrel 5700 Elite delivers unmatched accuracy at extreme long-range. The integrated advanced Applied Ballistics® solver plus Kestrel's precise onsite environmental measurements make it the essential tool for first-shot confidence.

- » Access the entire **Applied Ballistics bullet library** of custom drag models plus corrections for Aerodynamic Jump, Spin Drift, and Coriolis.
- » **Vast storage for up to 30 gun profiles** and 10 saved targets make it easy to save your and prepare for multiple scenarios.
- » **Multi-Target Card** displays solutions for multiple customized targets at varying ranges and directions— a concise one-screen view reveals Time of Flight, Remaining Energy, Velocity and other critical details for executing multiple shots under time pressure.
- » **Target Range Estimator** and **Lead Correction** features for confidently calculating unknown distances without a range finder.

Tgt	Elv	◀Wnd1▶
1	4.61U	0.86L
2	4.98U	0.16L
3	5.13U	0.16L
4	6.17U	0.19L

Target Card Display

Allows you to build, edit, and view all critical details specific to 10 unique targets.

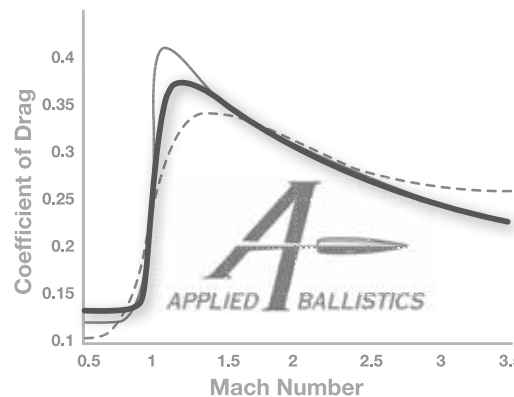
Rng	Elv	◀Wnd1▶
1250	20.10U	2.68L
1275	10.93U	2.75L
1300	21.78U	2.83L
1325	22.65U	2.90L

Range Card

Displays necessary shot details for settable range intervals, preparing you to engage targets at unpredictable ranges.

ANONYMOUS, US SPECIAL FORCES:

“The *Kestrel* is the single most advancement that the military has incorporated in the last 6 years. The convenience of having an auto-populating data display for a variety of guns is a huge advantage for the soldier, marine, and airman. It's a must have tool for snipers.”



Applied Ballistics Custom Curves

Rigorous live-fire & lab-tested rifle & bullet performance data results in unparalleled accuracy even over extreme distances.

POWERED BY





**BASED ON A 2019 SURVEY OF TOP-RANKED SHOOTERS
IN PRS AND NRL:**

**“Most of the pros trust one device above all the others:
Kestrel Ballistics Weather Meter with Applied Ballistics.
76% of shooters were running a Kestrel to calculate their
adjustments and wind holds in matches where every shot
counts. *Frankly, a Kestrel Meter combined with an
Applied Ballistics engine is a one stop shop that
packs all the features you might ever need in a
ballistic solver.*”**

KESTREL LINK BALLISTICS ECOSYSTEM



For more on LiNK Ballistics capabilities, see page 27

COMPATIBLE LASER RANGE FINDERS



**Wilcox®
RAPTAR-S**



**Newcon Optik
Spotter LRF**



**Steiner Defense®
M830r LRF 1535nm
Rangefinder Binoculars**



**Rheinmetall
Defense
TAC-Ray 1500**



Safran® Optics 1
The I-CUGR® Integrated
Compact Ultralight
Gun-Mounted Rangefinder



Safran® Vectronix®
Bluetooth® low energy
enabled PLRF 25C units



Sig Sauer®
KILO2400/3000 BDX
LRF Binoculars



Safran® Vectronix®
Terrapin X
8 x 28 mm
Laser Rangefinder



Leica®
Rangemaster
CRF2800COM



Bushnell®
The Elite 1-Mile CONX®
Rangefinder

CONNECTED LONG-RANGE SHOOTING SYSTEM

The Kestrel LiNK Communications Protocol conveniently connects all of the critical components of a ballistics system. LiNK allows you to make your existing kit ballistics-enabled. Laser range finders, scopes and mobile devices can all be connected to the Kestrel, replacing button presses on multiple devices with instant wireless communications for seamless, accurate shooting solutions when and where you want them.

Contact us if you want to join the Kestrel LiNK ecosystem with your product.

KESTREL LINK® BALLISTICS CONNECTIVITY



A MULTITUDE OF OPTIONS, CONVENIENCE, AND FLEXIBILITY AT YOUR COMMAND—ALL EASILY ACCESSIBLE VIA A MOBILE DEVICE.

Streamline and simplify your shooting experience with the free Kestrel LiNK Ballistics app for iOS and Android. The included Profile Loader allows you to quickly access extensive bullet libraries, build and store multiple guns, and wirelessly transfer guns to and from your Kestrel meter before you set out. Also back up field-built guns for security. Mount your Kestrel meter to a tripod using the portable Vane Mount and use the LiNK Ballistics app to remotely view the firing solution while receiving real-time, instantaneous wind corrections. You can even adjust the target range and direction of fire with the app without leaving your shooting position.

- » **Build and manage** gun/bullet profiles.
- » **View** elevation and windage solutions.
- » **Wirelessly adjust** the target data.
- » **Set up and view** multiple targets simultaneously.
- » **Access** the Applied Ballistics bullet library or the Hornady 4DOF® library.
- » **Wirelessly Update** Kestrel firmware.



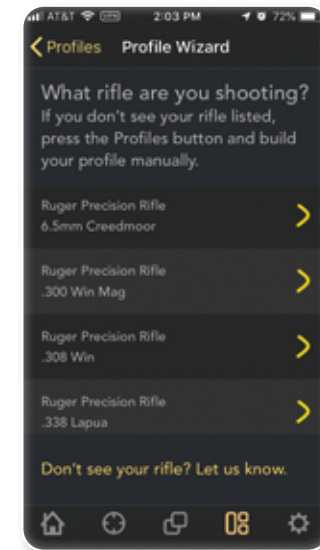
READ MORE

Point the camera in your phone at the QR code to learn more about LiNK Ballistics



PANHANDLEPRECISION.COM:

“With *Kestrel’s LiNK Ballistics app*, the long range shooter has the ability to **view live data and control targeting information on their phone or tablet.**”



Kestrel LiNK Ballistics App

Additional features for the Ruger Kestrel.

“This *Kestrel* does it all. It will measure wind speed, calculate wind direction, and provide temperature, humidity, dew point, barometric pressure, EVERYTHING. *An entire weather station in the palm of your hand.*”



KESTREL WEATHER INSTRUMENTS

RUGGED, RELIABLE, ON-THE-GO ENVIRONMENTAL MONITORING.

Kestrel Weather Instruments are accurate, compact and data logging tools for monitoring conditions wherever needed.

LiNK Connectivity for Kestrel Instruments allows you to connect to compatible apps, receive real-time alerts, and export data.



Mount the **Kestrel 5500** in the Portable Vane Mount to create a highly accurate yet portable weather station you can use for hours or weeks in any location.



	Kestrel Drop D3	Kestrel 2500	Kestrel 3500	Kestrel 5500
Temperature	●	●	●	●
Headwind/Tailwind				●
Wind Chill		●	●	●
Wind Speed		●	●	●
Relative Humidity	●		●	●
Dew Point Temperature	●		●	●
Wet Bulb Temperature			●	●
Station Pressure	●	●	●	●
Pressure Trend	●		●	
Barometric Pressure		●	●	●
Heat Stress Index	●		●	●
Altitude		●	●	●
Density Altitude	●			●
LiNK Connectivity	●			●



ACCESSORIES

EXTEND, PROTECT, CARRY AND CONNECT.

Our Kestrel accessories are designed specifically for Kestrel, sometimes by our customers!



**Kestrel Collapsible
Lightweight Tripod**
24 to 48"

0792

Rotating Vane Mount

0782



Vane Mount for 2700 | **0781**

**Portable Ultrapod
Tripod With Clamp**

0799



Pelican 1015 Black case | 0245PELICAN



6-3BRAVO Kestrel
Kydex Holster | 0925B



USB Data Transfer Cable
for Kestrel 5 series | 0785



Armageddon Gear | 0806AGT
Kestrel Pocket



Badger Ordnance™ | 0945B000
Kestrel Rail Mount



Prater Precision Sniper | 0944PP00
Data Board



Tyr Tactical Kestrel MOLLE
Compatible Carry Case | 0806CAM
(featured above)

Available Colors



ATI Wind Wrap/Mount | 0944ST01



Replacement Impeller | 0801



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SPECS

ALL KESTREL SENSORS

Sensor	Accuracy (+/-)	Resolution	Specification Range	Notes
Wind Speed Air Speed	Larger of 3% of reading, least significant digit or 20 ft/min	0.1 m/s 1 ft/min 0.1 km/h 0.1 mph 0.1 knots 1 B* 0.1 F/S*	0.6 to 40.0 m/s 118 to 7,874 ft/min 2.2 to 144.0 km/h 1.3 to 89.5 mph 1.2 to 77.8 knots 0 to 12 B* 2-131.2*	1 inch 25 mm diameter impeller with precision axle and low-friction Zytel® bearings. Startup speed stated as lower limit, readings may be taken down to 0.4 m/s 79 ft min 1.5 km/h .9 mph .8 kt after impeller startup. Off-axis accuracy -1% @ 5° off axis; -2% @ 10°; -3% @ 15°. Calibration drift < 1% after 100 hours use at 16 MPH 7 m/s. Replacement impeller (NK PN-0801) field installs without tools (US Patent 5,783,753). Wind speed calibration and testing should be done with triangle on impeller located at the top front face of the Kestrel. Measuring wind speeds above 60 m/s / 134.2 mph can damage the impeller.
Ambient Temperature	0.9 °F 0.5 °C	0.1 °F 0.1 °C	-20.0 to 158.0 °F -29.0 to 70.0 °C	Airflow of 2.2 mph 1 m/s or greater provides fastest response and reduction of insolation effect. For greatest accuracy, avoid direct sunlight on the temperature sensor and prolonged sunlight exposure to the unit in low airflow conditions. Calibration drift is negligible for the life of the product. For further details, see Display & Battery Operational Temperature Limits.
Relative Humidity	2%RH	0.1 %RH	10 to 90% 25°C non-condensing	To achieve stated accuracy, unit must be permitted to equilibrate to external temperature when exposed to large, rapid temperature changes and be kept out of direct sunlight. Calibration drift is typically less than ±0.25% per year.
Pressure	1.5 hPa mbar 0.044 inHg 0.022 PSI	0.1 hPa mbar 0.01 inHg 0.01 PSI	25°C/77°F 700-1100 hPa mbar 20.67-32.48 inHg 10.15-15.95 PSI	Monolithic silicon piezo-resistive pressure sensor with second-order temperature correction. Between 1100–1600 mbar, unit will operate with reduced accuracy. Sensor may not operate above 1600 mbar and can be damaged above 6,000 mbar or below 10 mbar. Calibration drift is negligible for the life of the product.
Compass	5°	1° 1/16th Cardinal Scale	0 to 360°	2-axis solid-state magneto-resistive sensor mounted perpendicular to unit plane. Accuracy of sensor dependent upon unit's vertical position. Self-calibration routine eliminates magnetic error from batteries or unit and must be run after every full power- down (battery removal or change). Readout indicates direction to which the back of the unit is pointed when held in a vertical orientation. Declination/variation adjustable for True North readout.

	DROP	Kestrel Basic	Kestrel 5700	HUD
Battery Type	CR2032	CR2032	AA	AA
Battery Life (approximate-reduced by heavy use and cold)	110 days	140 hours	100 hours	80 hours
Weight	1.2 oz	3.4 oz	4.3 oz	3.8 oz
Size	2.4 x 1.8 x .9 in	4.8 x 1.9 x 1.1 in	5.1 x 1.9 x 1 in	3.6 x 2.3 x 1.1 in

CALCULATED MEASUREMENTS

Measurement	Accuracy (+/-)	Resolution	Sensors Employed
Air Density	0.0002 lb/ft ³ 0.0033 kg/m ³	0.001 lbs/ft ³ 0.001 kg/m ³	Temperature, Relative Humidity Pressure
Altitude	typical: 23.6 ft/7.2 m from 750 to 1100 mBar max: 48.2 ft/14.7 m from 300 to 750 mBar	1 ft 1 m	Pressure, User Input (Reference Pressure)
Barometric Pressure	0.07 inHg 2.4 hPa/mbar 0.03 PSI	0.01 inHg 0.1 hPa/mbar 0.01 PSI	Pressure, User Input (Reference Altitude)
Crosswind & Headwind/ Tailwind	7.1%	1 mph 1 ft/min 0.1 km/h 0.1 m/s 0.1 knots	Wind Speed, Compass
Delta T	3.2 °F 1.8 °C	0.1 °F 0.1 °C	Temperature, Relative Humidity Pressure
Density Altitude	226 ft 69 m	1 ft 1 m	Temperature, Relative Humidity, Pressure
Dew Point	3.4 °F 1.9 °C 15-95% RH. Refer to Range for Temperature Sensor	0.1 °F 0.1 °C	Temperature, Relative Humidity
Evaporation Rate	0.01 lb/ft ² /hr 0.06 kg/m ² /hr	0.01 b/ft ² /hr 0.01 kg/m ² /hr	Wind Speed, Temperature Relative Humidity Pressure, User Input (Concrete Temperature)
Heat Index	7.1°F 4.0°C	0.1 °F 0.1 °C	Temperature, Relative Humidity
Relative Air Density	0.3%	0.1%	Temperature, Relative Humidity Pressure
Wet Bulb Temperature - Psychrometric	3.2 °F 1.8 °C	0.1 °F 0.1 °C	Temperature, Relative Humidity Pressure
Wind Chill	1.6 °F 0.9 °C	0.1 °F 0.1 °C	Wind Speed, Temperature

ADDITIONAL PRODUCT INFO

Display & Backlight	Multifunction, multi-digit monochrome dot-matrix display. Choice of white or red LED backlight.
Response Time & Display Update	Display updates every 1 second. After exposure to large environmental changes, all sensors require an equilibration period to reach stated accuracy. Measurements employing RH may require longer periods particularly after prolonged exposure to very high or very low humidity. WBGT requires about 8 minutes to reach 95% accuracy and about 15 minutes to reach 99% accuracy after exposure to large environmental changes.
Data Storage & Graphical display, Min/Max/Avg History	Logged history stored and displayed for every measured value. Manual and auto data storage. Min/Max/Avg history may be reset independently. Auto-store interval settable from 2 seconds to 12 hours*, overwrite on or off. Logs even when display off except for 2 and 5 second intervals. Kestrel 5 series units hold over 10,000 data points.
Data Upload & Bluetooth® Data Connect Option	Wireless range up to 100ft. Connection requires optional USB data transfer cable or Kestrel Link Dongle or Kestrel LiNK app. Employs Kestrel Link protocol for data transmission with Link supported devices. (Kestrel LiNK for iOS/Android, Kestrel Link for PC/MAC).
Clock / Calendar	Real-time hours:minutes:seconds clock, calendar, automatic leap-year adjustment.
Auto Shutdown	User-selectable – Off, 15-60 minutes with no key presses.
Languages	English, French, German, Spanish.
Certifications	CE certified, RoHS, FCC, IC tested and WEEE compliant. Individually tested to NIST-traceable standards.
Origin	Designed and built in the USA from US and imported components. Complies with Regional Value Content and Tariff Code Transformation requirements for NAFTA Preference Criterion B.
Shock Resistance	MIL-STD-810g, Transit Shock, Method 516.6 Procedure IV; unit only; impact may damage replaceable impeller.
Sealing	Waterproof (IP67 and NEMA-6)
Display & Battery Operational Temperature Limits	14° F to 131° F -10 °C to 55 °C Measurements may be taken beyond the limits of the operational temperature range of the display and batteries by maintaining the unit within the operational range and then exposing it to the more extreme environment for the minimum time necessary to take reading.
Storage Temperature	-22.0 °F to 140.0 °F -30.0 °C to 60.0 °C.

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“Thank you Kestrel 5700 Elite with Applied Ballistics. We share the crown with you.”

Paul Phillips, Team GPG, 1st Place, 2019 King of Two Miles Competition



“Kestrel’s continual innovation of their hand-held ballistic calculators puts them on the front lines of technological advancements in precision shooting. From the price point friendly 2700, to the Hornady 4DOF® and Ruger Kestrel, there is the perfect Kestrel for everyone from the novice to professional shooter”

Kristy Titus, Host of Pursue The Wild Digital Series



“ The marriage of the Applied Ballistics solutions to the Kestrel Weather Meter is a no-brainer. The fire solution receives live data from the sensors and updates based on changing weather. There’s no opportunity to make a mistake. It’s the perfect combination of technology for long-range shooters.”

Bryan Litz, Applied Ballistics



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