

SuperChrono Acoustic Shooting Chronograph

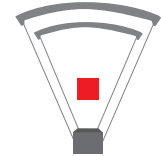
Ultra-reliable muzzle or downrange velocity readings in any lighting conditions



Detection Area

Up to 300 times larger than for optical chronographs

with optical chronographs



The World's First Acoustic Shooting Chronograph!

After 30 years of optical chronographs, there is finally a new technology that gives you reliable shot speed readings in any lighting conditions.

No more worries about sunlight orientation, uneven cloud cover, shadows, reflections from snow or water on the ground, low or indoor lighting, shiny projectiles, shadows or any other changes in light intensity that cause problems with optical sensors.

With the SuperChrono, there is no need for skyscreens or the pieces of paper taped to them.

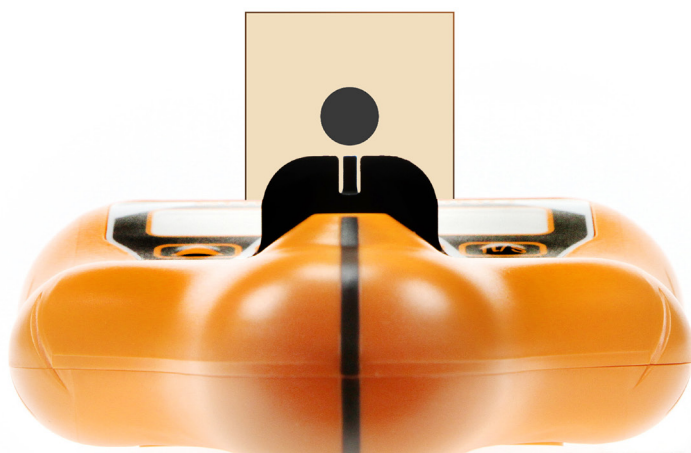
As an added bonus, the SuperChrono's *supersonic shock-wave processing technology* offers an optimum shooting area up to 300 times larger than the tiny 2x2 inch area for optical chronographs. This makes it easy to get velocity readings from close to the muzzle to any downrange distance as long as the bullet is supersonic.

Key Features and Benefits:

- *Acoustic technology. Ultra-high precision independent of lighting conditions.*
- *Huge shooting area. For the first time it's easy to get downrange velocity readings and to calculate the exact ballistic coefficient. It has never been easier to get total control over bullet trajectory.*
- *Works with any calibre. It doesn't matter if it's a tiny .17 HMR or a rocket; If it's supersonic, you'll get an accurate reading of its velocity.*
- *Works with automatic weapons. Fast electronics detect shots with a cyclic rate of up to 600 rounds per minute.*
- *Works in any weather conditions. Rugged and rated to IP66. You'll get shot speeds even with rain or snow on the sensors.*
- *Easy-to-read display. A big display that's easy to read even in bright sunlight.*
- *No skyscreens, wires, displays, printers or any other loose parts. Bring it with you whenever you go shooting.*
- *Small and compact. Stays right where you want it, even in strong winds. Small and light enough to fit in any shooting bag.*
- *Bright orange with huge shooting area. No more shot-up chronographs.*
- *Sight lines and front and rear sights. There to help you align the SuperChrono with the bore of the gun for maximum precision.*
- *Long battery life. The SuperChrono runs for 16 hours on four standard AA batteries and up to five times longer on lithium-ion batteries.*
- *Ample memory. Stores 99 shots, sufficient for testing any load. Data remains stored when the chronograph is turned off.*
- *Easy-to-use buttons. No menus, just press a button for next or previous shot in string, ft/s, m/s, average speed and reset.*

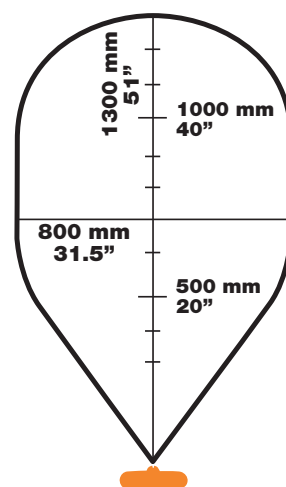
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Ultra-reliable muzzle or downrange velocity readings in any lighting conditions

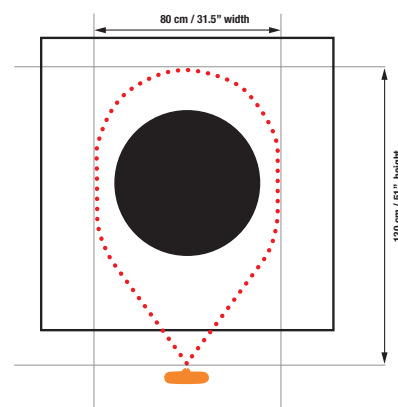


Sensor type	Ultrasound microphones
Detection principle	Passing of Mach cone
Detection distance	From 3m (10') from the muzzle to any downrange distance for supersonic speed
Velocity range	Mach 1.1 to Mach 5 (in dry air at 20°C (68°F) 376 – 1717 m/s or 1234-5632 ft/s
Calibre range	4.3mm (.17) to 84mm
Accuracy	+/- 0.5% of measured velocity or better
Minimum time between shots	100ms = 600 rounds per minute
Shooting area, max height	1.3m (51'') above sensors *
Shooting area, max width	80cm (31.5'') at 100cm (40'') above sensors *
Size	260mm x 120mm x 46mm (10.2''x 4.7''x1.8'')
Weight	285g (10oz) without batteries
Batteries	4 AA: NiMH, Li-Ion or alkaline
Battery life	Up to 16 hours with alkaline batteries
Start up	< 2 sec
Memory capacity	99 shots. Will stay when off
Pushbutton features	Previous and next shot in shot string, average, reset, m/s, ft/s, on-off
Mounting hole thread	1/4 - 20''
Environmental rating	IP66
Compliance	CE, FCC Class A
Operating temperature	- 20 to + 70 °C (-4 to + 158°F)
Storage temperature	- 30 to +80 °C (-22 to + 176°F)
Display	High-contrast LCD with LED backlight; sunlight readable

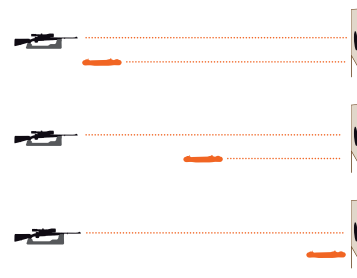
Detection Area



SuperChrono detection area superimposed on an ISSF 300m target



Easy to set up for readings of bullet speed at muzzle, downrange and at target



CE FCC  Made in China

* .308 Winchester at 5 meter from muzzle

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