

# A TOTALLY DIFFERENT VIEW

Meet MTC Optics' SWAT Prismatic scopes – you've never seen anything like them

It's not often something completely new hits this airgun world of ours, but I'm looking at just that, right now. To be more precise, I'm mostly looking through, rather than at, because what I have in front of me is a pre-production pair of the brand-new MTC Optics SWAT Prismatic riflescopes. As the headline says – these are like nothing else I've seen

## SWAT PRISMATIC OVERVIEW

There are currently two scopes in the new SWAT Prismatic range, a 12 x 50, and the even more compact Atom, which has a 10 x 30 configuration. SWAT stands for Super-Wide-Angle Technology, which equips both Prismatic models with a field of view approximately three times wider than a conventional scope. In real terms, that gives the SWAT Prismatic 12-times scope the same field of view as a conventional sight set to just four times magnification, plus it can be focused right down to 6 metres. Think about that for moment; a wide field of view for optimum safety and target acquisition AND 12-times mag' for total aiming precision.

## TWO-STAGE EXPLORATION

This is just one of the SWAT Prismatic's breakthrough features, and to cover them all comprehensively, I'll need to describe them this month, and see how they work in a shooting situation in next month's issue. As I write, I'm just a couple of days into exploring these new scopes, so I'll be on a steep learning curve, too. So far, I've said quite a few 'wows' and I'm certain there are more to come.

## BY AIRGUNNERS, FOR AIRGUNNERS

The SWAT Prismatic range has been designed specifically for users of pre-charged pneumatic air rifles, and that fact is a massive

feature in itself. In the wide world of rifle scopes the global market is for firearms, and figures like one or two million sporting rifles sold in the USA alone every year fuels development in firearms-rated scopes. Of course, some requirements are similar, such as good glass, precise construction and proper design, but there are a few features that aren't required by airgunners, and that's why designing a scope just for airguns makes perfect sense.

## NO RECOIL - NO PROBLEM

For instance, with a live-ammo .308 or 30-06, recoil is severe, so a long eye relief is essential to avoid eye injury. If the recoil problem doesn't exist, as with a PCP air rifle, then a scope can be used much closer to the eye, in much the

same way as a binocular, which allows the scope designer to vastly open up the field of view.

## TOTALLY FOCUSED

Then, there's parallax correction. On »



The MTC Optics SWAT Prismatics - unlike anything I've ever seen.





Locking turrets, illuminated reticle, magnetic lens caps ... and so much more in such a compact package.

an airgun the ability to focus perfectly on your target is vital, not only to define that target clearly, but also to help eliminate parallax error. These SWAT Prismatic scopes have total focusing capability, on their full designated magnification, from just 6 metres range..

GREAT FOUNDATION

Before we even get into the scopes' features, let's study the SWAT Prismatic's robust, wraparound mounting system, which is equally innovative. First, in addition to its fitted 3-clamp, Picatinny mount, each scope comes with a 4-clamp and a 2-clamp base, plus a set of Picatinny-to-11mm dovetail adaptors, so you can fit these SWATs to pretty much anything.

Once fitted to the scope, each Picatinny base has an MOA-calibrated 'ski ramp' at the rear, which allows you to adjust the sight through the vertical axis, should you be a fan of optical centring. Basically, that's about aligning the scope's sightline with the rifle's bore, when the scope's elevation turret is in the centre of its adjustment range.

TOP TURRETS

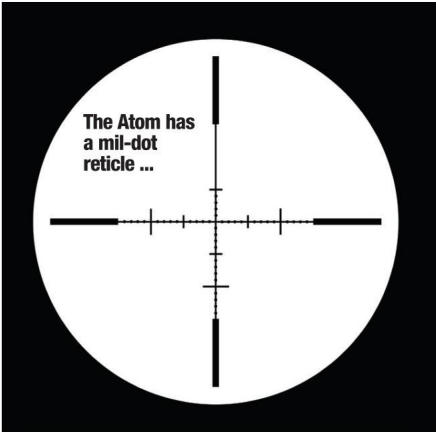
Those turrets offer true, MIL-rated, click-stop adjustments, in addition to being push-pull locking and resettable. Both scopes carry an illuminated reticle facility with 10-stage brightness control at the press of a rubberised button. This feature, and the CR2032 battery that powers it, is housed in the parallax/focus adjuster on the left-hand side of the scope body. The adjustment wheel is finger-friendly, extremely smooth to operate, and clearly marked with ranges from 6 metres to infinity.

LENSES AND SIZE

Size-wise, the stacked prismatic lenses of the SWAT 12 x 50 means it measures up at a super-compact 156mm – significantly shorter than, say, MTC's ever-popular Mamba model (at 370mm). The 10 x 30 Atom model is even more compact, measuring just 123mm from its

30mm objective lens to the eyepiece.

The high-performance, fully multi-coated optical set-up of these Prismatics drags in maximum light to produce the brightest view possible under all field conditions, including lamping, with the rubber 'bellows' at the eyepiece assisting this by blocking any glare. The objective lenses are protected by flip-up caps, and a rubberised rear lens cap is also provided.



TECH SPEC

SWAT Prismatic Atom

Magnification: 10x

Objective lens: 30mm

Eye relief: 14mm

Parallax range: 6m - infinity

Adj. per click: 0.1 MIL (1cm @100m)

Crosshair: MD5 Mildot, 10-stage illuminated

Tube diameter: 34mm

Length: 123mm

Weight: 300g

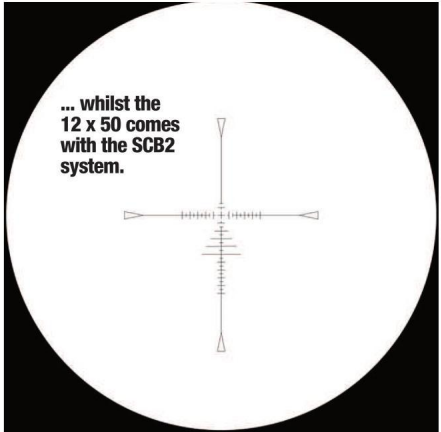
RRP £375



If you need full, 4-clamp security, you've got it.

TESTING TASK LIST

That's the concept, features and potential advantages listed; now it's time to get these SWAT Prismatics on a couple of rifles and to explore their function in the real world. That will take time, thought, learning and application. I have a strong feeling I'm going to need to change my approach to scope use, too, so all in all, I'm like a kid at Christmas with this one. Bring on the SWAT team – and I'll reveal all next month. ■



TECH SPEC

SWAT Prismatic 12 x 50

Magnification: 12x

Objective lens: 50mm

Eye relief: 17.3mm

Parallax range: 6m - infinity

Adj. per turret click: 0.1 MIL (1cm @100m)

Crosshair: SCB2 multi-aimpoint, 10-stage illuminated

Tube diameter: 42mm

Length: 156mm

Weight: 460g

RRP £480