

THE NEW SWAROVSKI ATC TELESCOPE AND TWO OTHER OTHER COMPACT TELESCOPES

november 2022
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Introduction.

In the beginning of 2022 Swarovski announced the introduction of two new telescopes: the A(angled)TC 17-40x56 and the C(straight)TC 17-40x56 telescope. Both are compact and feel very solid. It was kind of difficult to get one for a short test, but we received the ATC for a few days. I investigate here our experiences with this very well made compact telescope. Two other telescopes in a much lower price region are investigated as well : the compact and very light Kowa TS-501 20-40x50 and the (made in China) not well known Doerr Danubia 10-30x50.



From left to right: Swarovski ATC 17-40x56, Kowa TSN-501 20-40x50, Doerr Danubia 10-30x50.

Conclusions

In the short time we were able to investigate the new ATC telescope we were impressed by its solid construction, very good optical performance and high level of user comfort. But that is something one should expect for a price of 2200 euro.

If you can not spend 2200 euro, the much lighter Kowa does a good job for its price.

The Dorr Danubia was a surprise: compact, light and a good optical performance for a low price.

A surprise was the focussing wheel integrated in the telescope body, a construction that is characteristic for Swarovski telescopes.

Acknowledgments: I am grateful to Jan van Daalen from House of Outdoor to supply us with the new Swarovski telescope for this short investigation. I also want to thank the collectors who supplied me with the Kowa and the Dorr telescopes. Ing. Dave van den Heuvel did a very good job by measuring the transmission spectra.

TABLE
Telescope data

TELESCOPE	Swarovski ATC 17-40x56	Kowa TS-501 20- 40x50	DÖR Danubia10-30x50
Weight	1035g	402 g	416 g
Objective diameter	56 mm	49,6 mm	49,95 mm
Eyerelief	17x=17 mm 40x=17mm	20x=15 mm 40x=11mm	10x=17 mm 30x=15 mm
Field of View	62-34 m/1000m	40-28m/1000m	56-30 m/1000m
Close focus	3,4 m	2,5 m	8 m
Exit pupil			
17x	17x= 3,3 mm	20x=2,1 mm	10x=3,5 mm
40x	40x= 1,5 mm	40x=1,1mm	30x=1,8 mm
Transmission			
500nm	85,1%	60,5%	70,2%
550 nm	86,5%	64,9%	73%
Price	2210 euro	300-350 euro	139 euro

