



SPORT & RECREATIONAL OPTICS

# Sweet 270 Riflescope Instructions



The Sweet 270 was designed using similar technology applied in sniper trajectory compensation scopes. The three elevation drums included have increments that are precisely calculated to compensate for the elliptic drop of most .270 caliber bullets. First, select and install the proper drum for the bullet grain weight (100, 130, 150), then zero the scope at 100 yards. Once the scope is zeroed, loosen the three elevation drum screws and rotate the drum until the "100 yards" marking matches the zero marking (vertical line under the drum). Once this is done, the screws must be retightened (do not overtighten).

You can compensate the trajectory of the bullet at any given distance between 100- and 400-yards by turning the elevation drum to the desired distance.

Note: Temperature, altitude, velocity and bullet shape can have an effect on the final results.

Caliber	Weight	Bullet Type
.270	100 gr	Remington CoreLokt® PSP
.270	130 gr	Winchester Super X® Power Point
.270	150 gr	Winchester Super X® Power Point

Caliber	Weight	Velocity (FPS)					Energy (FT.LBS.)				
		Muzzle	100 yds	200 yds	300 yds	400 yds	Muzzle	100 yds	200 yds	300 yds	400 yds
.270	100 gr	3320	2923	2560	2225	1916	2448	1897	1456	1100	815
.270	130 gr	3060	2802	2559	2329	2110	2702	2267	1890	1565	1285
.270	150 gr	2850	2585	2336	2100	1879	2705	2226	1817	1468	1175

Caliber	Weight	Trajectory in Inches			
		100 yds	200 yds	300 yds	400 yds
.270	100 gr	0	-2.6	-10.5	-25.5
.270	130 gr	0	-2.9	-11.2	-25.9
.270	150 gr	0	-3.7	-13.8	-31.9