



LEICA GEOVID MAX 42

Technical Data



Designation	Leica Geovid Max 10 x 42
Device type	Rangefinder
Order no.	40 831 (flat dark earth)
Scope of delivery	Contoured neoprene carrying strap, front lens cover, eyepiece caps, cordura case, battery
Magnification	10 x
Front lens diameter	42 mm
Exit pupil	4.2 mm
Twilight factor	20.5
Field of view at 1,000 yds/1,000 m	339 ft / 113 m $\pm$ 3%
Field of view for spectacle wearers	339 ft / 113 m $\pm$ 3%
Eye relief	16 mm
Objective angle of view	6.5°
Close distance	approx. 16 ft. / 5 m
Adjustable interpupillary distance	56 to 74 mm
Light transmission	90 %
Diopter compensation	$\pm$ 4 dpt.
Distance measurement	
Range	Retro-reflective targets: 10 up to approx. 8200 yds / 7500m High reflective targets: 10 up to approx. 7300 yds / 6675 m Trees: 10 up to approx. 4600 yds / 4200 m Deer: 10 up to approx. 2900 yds / 2650 m
Equivalent horizontal range (EHR)	10 up to approx. 8200 yds / 7500m
Measuring accuracy	$\pm$ 0.5 yds at 10 - 200 yds / $\pm$ 0.5 m at 10 - 183 m $\pm$ 1.0 yds at 200 - 1000 yds / $\pm$ 1.0 m at 183 - 915 m $\pm$ 0.15 % above 1000 yds / $\pm$ 0.15 % above 915 m
Measuring time	Extended mode OFF: 0.3 sec. / Extended mode ON: 1.4 sec. Extended mode AUTO: 0.3 or 1.4 sec. / Scanning mode: 0.25 sec.
Measuring modes	1) Scanning mode 2) Single measurement: 2.1) Extended mode OFF 2.2) Extended mode ON 2.3) Extended mode AUTO
Target modes	First / Last / Best



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Switchover meter/yards	yes
Ballistic function	yes
On-board wind correction	yes
Output "Equivalent horizontal range" (EHR)	yes
Output "Unit correction" for elevation and windage	yes
Output "Click correction" for elevation and windage	yes
Output "Holdover" for elevation and windage	yes
Output "Shot Probability Analysis" (SPA/WEZ)	yes
Applied Ballistics Professional® on-board	yes
Bluetooth® interface	yes
Connect to Leica Ballistics App	yes
Use customized ballistic profiles	yes
BaseMap®	yes
Kestrel® / Garmin® connection	yes
GPS guide LPT™ (Leica ProTrack)	yes
Display	Active-Matrix MicroLED Display (640 x 480)
Eyepiece for eyeglass wearers	yes
Eyecups	yes, rotary sliding sleeve, detachable, with 4 click-stops
Prism system	Perger-Porro system
Lens coating	HDC® multilayer coating, AquaDura® coating
Focussing	Internal focusing via central drive
Laser	Eye-safe invisible laser according to EN and FDA class 1
Laser beam divergence	1.8 x 0.8 mrad



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Barometric pressure sensor	yes
Temperature sensor	yes
Temperature measurement	yes
Inclination sensor	yes
Compass	yes
Battery	1 x 3 V / Lithium-type CR2
Battery lifetime	approx. 2000 measurements at 68°F / 20°C
Watertightness	to a depth of 16 ft / 5 m
Housing	Magnesium, nitrogen filled
Dimensions (W x H x D)	4.9 x 6.9 x 2.8 inch / 125 x 174 x 70 mm
Weight	approx. 37 oz / 1040 g (without battery)
Accessories	
Winged eyecups	42 006
Floating carrying strap	42 163
Tripod adapter	42 220
Ollin Snapshot Geovid Adapter	96 475