



# LEICA RANGEMASTER CRF R

Technical Data.



Designation	Leica Rangemaster CRF R
Order No.	40504
Scope of delivery	Cordura case, carrying strap, battery
Lens diameter	24 mm
Magnification	7x
Exit pupil	3,4 mm
Field of view at 1000 m / 1000 yds	115 m / 405 ft
Exit pupil position	15 mm
Objective viewing angle	6.6°
Close-up range	10 m / approx. 16 ft
Diopter adjustment	+/- 3.5 dpt.
Eyecups	Turn-down rubber eyecups
Lens coating	High Durable Coating (HDC™)
Prism system	Roof prisms with phase-correction coating P40
<b>Distance measurement</b>	
Range	10 to approx. 1800 m / 2000 yds
Measuring range for equivalent horizontal range (EHR)	10 m to approx. 1100 m / 1200 yds
Measuring accuracy	+/- 0.5 m at 10-200 m +/- 0.5 yds at 10-219 yds +/- 1.0 m at 200-1000 m +/- 1.0 yds at 219-1093 yds +/- 0.5 % beyond 1000 m +/- 0.5 % beyond 1093 yds
Measuring time	approx. 0.3 s (max.)
Measuring methods	Scan mode / single measurement
Laser	Eye-safe, invisible Class 1 laser acc. to EN and FDA
Laser beam divergence	ca. 1.8x0.8 mrad
Display	LED display with 4 digits, ambient light-controlled brightness regulation
Switching option: meters/yards	yes
Output "equivalent horizontal range" (EHR)	yes
Angle sensor	yes
Power supply	1x 3 V / Lithium type CR2
Battery life	approx. 3000 measurements at 20 °C / 68 °F
Waterproof rating	water pressure-tight to 1 m / 3.2 ft
Housing	Glass fibre reinforced plastic
Dimensions (LxHxW)	113x78x35 mm
Weight	approx. 180 g incl. battery

\* when Bluetooth® switched off