



# LEICA RANGEMASTER CRF 800

## Technical Data



<b>Product</b>	<b>LEICA RANGEMASTER CRF 800</b>
<b>Order No. Product</b>	40 513 (Meter-Version) 40 514 (Yard-Version)
<b>Delivery scope</b>	Carrying cord, battery, Cordura case
<b>Magnification</b>	7 x
<b>Front lens diameter</b>	24 mm
<b>Exit pupil</b>	3.4 mm
<b>Twilight factor</b>	13
<b>Field of view at 1,000 m</b>	115 m
<b>Field of view at 1,000 yds</b>	347 ft
<b>Eye-relief</b>	15 mm
<b>Objective angle of view</b>	6.6°
<b>Diopter compensation</b>	± 3.5 diopters
<b>Distance measurement</b>	
Range	10 to 725 m 10 to 800 yds
Accuracy	± 1 m/yd to 366 m/400 yds, ± 2 m/yds to 732 m/800 yds, ± 0,5 % over 732 m/800 yds
<b>Read-outs</b>	LED display with four digits, easily legible in any light
<b>Eyepieces for eyeglass wearers</b>	yes
<b>Eyecups</b>	turn down rubber eyecups
<b>Prism system</b>	Roof prism with phase correction coating P40
<b>Watertightness</b>	Watertight to a depth of 1 m/3.2 ft
<b>Housing</b>	Carbon fiber-reinforced plastic material
<b>Dimensions (W x H x D)</b>	113 x 75 x 34 mm 4½ x 2¼ x 1¼ in
<b>Weight</b>	approx. 220 g / 7.8 oz incl. battery
<b>Meter/Yard Selector</b>	no
<b>Laser</b>	Eye-safe invisible laser according to EN and FDA class 1
<b>Laser beam divergence</b>	approx. 0.5 x 2.5 mrad
<b>Measuring time</b>	maximum approx. 0.85 s
<b>Measuring mode</b>	Scanning mode
<b>Power supply</b>	1 x 3V/Lithium-type C2R
<b>Battery lifetime</b>	approx. 2,000 measurements at 20°C/68°F