



# LEICA GEOVID HD-R 42 (Typ 402/403)

## Technical data



| Rangefinder                          | Leica Geovid 8x42 HD-R<br>(Type 402)  | Leica Geovid 10x42 HD-R<br>(Type 403)   |
|--------------------------------------|---|---|
| Order no.                            | 40 052  | 40 054  |
| Package includes                     | contoured neoprene carrying strap<br>front lens caps, eyepiece caps,<br>battery, Cordura case             | contoured neoprene carrying strap<br>front lens caps, eyepiece caps,<br>battery, Cordura case             |
| Magnification                        | 8 x   | 10 x  |
| Front lens diameter                  | 42 mm   | 42 mm   |
| Exit pupil                           | 5.2 mm  | 4.2 mm  |
| Twilight factor                      | 18.3  | 20.5  |
| Field of view at<br>1,000 yds/m      | 426 ft / 130 m  | 374 ft / 114 m  |
| Close focus range                    | approx. 16.5 ft / 5.0 m   | approx. 16.5 ft / 5.0 m   |
| Diopter compensation                 | ± 4 dpt   | ± 4 dpt   |
| Distance measurement:                |   |   |
| Range                                | 10 yds to approx. 2,200 yds / 10 m to approx. 2,000 m   | 10 yds to approx. 2,200 yds / 10 m to approx. 2,000 m   |
| Equivalent horizontal<br>range (EHR) | 10 yds to 1,200 yds / 10 m to 1,100 m   | 10 yds to 1,200 yds / 10 m to 1,100 m   |
| Measuring accuracy                   | ± 1 yd / m to 547 yds / 500 m<br>± 2 yds / m to 1,094 yds / 1,000 m<br>± 0,5 % beyond 1,094 yds / 1,000 m | ± 1 yd / m to 547 yds / 500 m<br>± 2 yds / m to 1,094 yds / 1,000 m<br>± 0,5 % beyond 1,094 yds / 1,000 m |
| Display                              | LED display with 4 characters and<br>ambient-light-controlled brightness                                  | LED display with 4 characters and<br>ambient-light-controlled brightness                                  |
| Eyecup with twist-and-pull<br>action | yes, detachable,<br>with 4 click-stops  | yes, detachable,<br>with 4 click-stops  |
| Eyepieces for<br>eyeglass wearers    | yes   | yes   |
| Focusing                             | internal focusing with<br>center focusing barrel  | internal focusing with<br>center focusing barrel  |
| Prism system                         | Perger Porro-System   | Perger Porro-System   |
| Coating                              | HDC® multicoating,<br>AquaDura® lens coating  | HDC® multicoating,<br>AquaDura® lens coating  |
| Waterproof                           | waterproof to 16.5 ft / 5 m   | waterproof to 16.5 ft / 5 m   |
| Body                                 | magnesium, nitrogen-filled  | magnesium, nitrogen-filled  |
| Dimensions (W x H x D)               | 4.9 x 7.0 x 2.8 in / 125 x 178 x 70 mm  | 4.9 x 7.0 x 2.8 in / 125 x 178 x 70 mm  |
| Weight                               | approx. 34.3 oz / 975 g incl. battery   | approx. 33.3 oz / 980 g incl. battery   |
| Yard/Meter switch                    | yes   | yes   |
| Laser                                | eye-safe, invisible light laser<br>compliant with EN and FDA Class 1                                      | eye-safe, invisible light laser<br>compliant with EN and FDA Class 1                                      |
| Measuring mode                       | scan mode, single measurement   | scan mode, single measurement   |
| Power supply                         | 1 x 3 V / CR2 lithium button cell   | 1 x 3 V / CR2 lithium button cell   |
| Battery life                         | approx. 2,000 measurements at 68° F / 20°C  | approx. 2,000 measurements at 68° F / 20°C  |
| Accessories                          | tripod adapter (42 220)<br>floating carrying strap (42 163)   | tripod adapter (42 220)<br>floating carrying strap (42 163)   |