

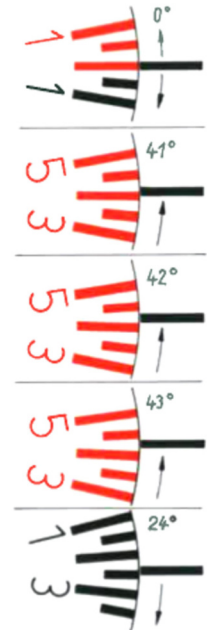


## Stratum Compass COCLA



### Vertical circle: Most precise reading of 1° by specific graduation lines

- 0° if the index line exactly coincides with a graduation line
- 1° if the index line protrudes into the following interval of the circle by half the width of a line
- 2° if the index line is no more opposite to the last graduation line which has been counted, but closely joins it
- 3° if the index line joins closely the first graduation line which has not been counted, but is not yet opposite this line
- 4° if half of the index line is opposite to the first graduation line which has not been counted but still protrudes by half its width into the former graduation interval



### Stratum Compass COCLA (No. 3180)

Stratum measurements can be taken according to the method of Prof. Dr. Clar (two-circle compass, azimuth of dip and angle of dip of plains or linear features can be determined in one single operation).

#### Distinctive Advantages:

- Vertical graduation on cover hinge permitting simultaneous measuring of azimuth of dip and angle of dip in one single operation
- Transparent extruded acrylic glass compass bottom and circular level with hinged mirror underneath permitting overhead measurements from below
- Readings after only approx .3 seconds are possible because of the efficient eddy current damping permitting that the oscillations of the magnetic needle quickly come to rest
- Compared to other compasses having ordinary damping several times more readings can be obtained with the COCLA in the same time
- Permanent locking of magnetic needle by means of lever on compass corner
- Lateral operation of locking device permitting insertion into narrow rock joints
- Declination adjustment through  $\pm 30^\circ$
- Cover tilting through  $235^\circ$
- Compass circle graduated in  $1^\circ$
- Sighting device for rapid coarse aimings
- Cover plate with friction adjustment screw
- Figures and graduation lines of tracing edge (60 mm) and vertical circle scale deeply etched on a very hard aluminium alloy
- Distinct identification of North on compass needle (red)
- Low weight and small dimensions

#### Technical Data

Compass circle diameter	50mm
Graduation interval	$1^\circ$
Accuracy	$< 0,1^\circ$
Numbering continuous from	$10^\circ$ to $10^\circ$
Declination adjustment	$\pm 30^\circ$
Vertical circle diameter	25 mm
Graduation interval	$5^\circ$
Estimation to	$1^\circ$
Graduation range quadrantal	$235^\circ$
Numbering from	$20^\circ$ to $20^\circ$
Circular level	$30\frac{1}{2}$ mm
Tracing edge	60 mm
Dimensions of closed compass	74 x 96 x 25 mm
Weight	275 g

#### Ordering Data

Stratum Compass	No. 3180 COCLA
Leather Case	No. 358 COLED

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Due to continuous further development, illustrations and wording are without engagement, State: 01/2017

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