

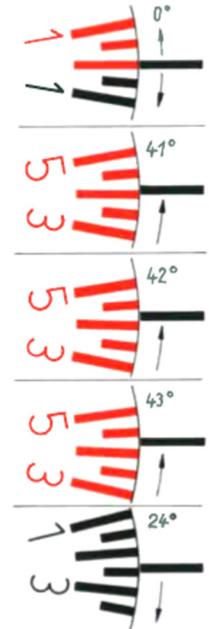


Stratum Compass COCLA



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°
- Compass circle graduated in 1°
- 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°
Accuracy	$< 0,1^\circ$
Numbering continuous from	10° to 10°
Declination adjustment	$\pm 30^\circ$
Vertical circle diameter	25 mm
Graduation interval	5°
Estimation to	1°
Graduation range quadrantal	235°
Numbering from	20° to 20°
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

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

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