

# Freiberger Geologist Compass W/mirror(360 degrees)



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### Product Description :

Sapphire balanced, ground magnetic needle is locked upon button release. Button can be locked in a permanent position allowing for a free movement of the compass needle. Lockable inclinometer guarantees for inclination measurements of high accuracy. Circular spirit level for leveling. Lateral tubular level for measurements at points of difficult access. Declination and inclination can easily be set to local values. Compass can be used on south hemisphere!

### Features :

- General field-geological work
- Special structural-geological, deposit-tectonic, and engineering-geological rockmechanical work
- Can be used for route surveying, for the survey of natural and artificial openings above and below ground
- For staking out and dimensioning holes
- For the transfer of geological data into maps and plans
- Rockwork as well as moderate-accuracy surveying
- Ground magnetic needle placed on edge.
- Permanent locking of the magnetic system - can be released during measurement by depressing the push-button and should be used for shortening the setting time
- Easy adjustment of the graduated circle - for each measuring technique and for setting declination values of any magnitude
- Lockable inclinometer for inclination measurements of high accuracy
- Colour coding on circle of altitude and magnetic needle (according to Clar) - unambiguous determination of the direction of dip of geological formations

- Circular spirit level for levelling, lateral glass tube for measurement at points of difficult access
- Dip measuring plate
- Reading of dip angle
- Protection for the glass cover

**Technical data:**

- Compass circle
- Diameter 45 mm
- scale value 2 (2 gon)
- estimation 0,5 (0,5 gon)
- Azimuth circle
- diameter 22 mm
- scale value 5 (5 gon)
- estimation 1 (1 gon)

**Clinometer:**

- Measuring range +90 (+100gon)
- Scale value 2 (2 gon)
- Estimation 0,5 (0,5 gon)

(Item #1976)

Weight: 1 lb