

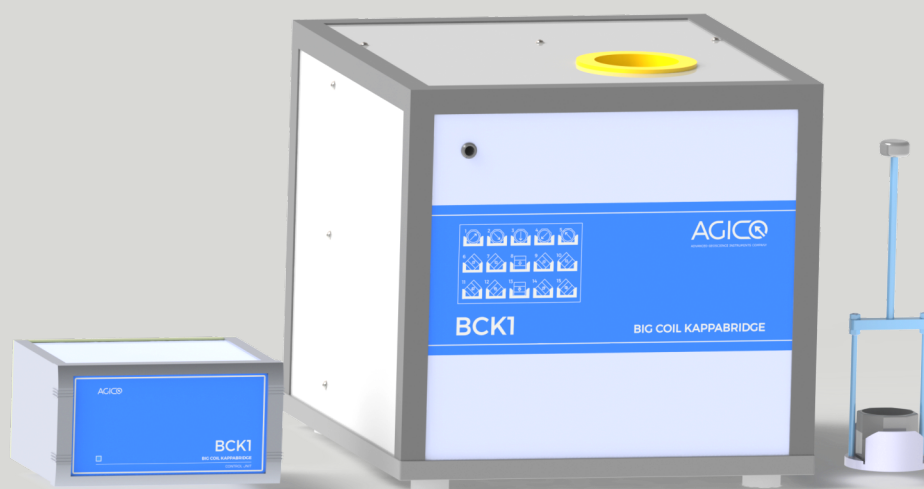
# BCK1

BIG COIL KAPPABRIDGE

# AGICO

ADVANCED GEOSCIENCE INSTRUMENTS COMPANY

BCK1 - Big Coil Kappabridge is a highly sensitive laboratory instrument for measuring magnetic susceptibility of large-size rock specimens, drill cores, archeological artifacts and construction materials.



## Features

In-phase and out-of-phase magnetic susceptibility

Anisotropy of magnetic susceptibility (15 direction manual mode)

High sensitivity and field homogeneity over entire specimen volume

Fully computer-controlled

Built to last from high-end components

## Applications

Magnetic susceptibility of drill cores for mining industry and engineering geology

Magnetostratigraphy of oil exploration wells

Out-of-phase susceptibility for assessment of electric conductivity

Anisotropy of magnetic susceptibility as a proxy for rock fabric

Provenance of precious rock-made archeological artifacts

## Specifications

**Field Intensity range:** 5 – 600 A/m

**Operating frequency:** 1220 Hz

**Pick up coil diameter:** 84 mm (optionally 88 mm)

### Specimen size:

- Drill cores up to 84 mm in diameter (accommodates both NQ and HQ cores)
- Rock fragments and archeological artifacts
- Unconsolidated specimens up to ca. 200 ccm

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