

MSCL with spectrophotometer

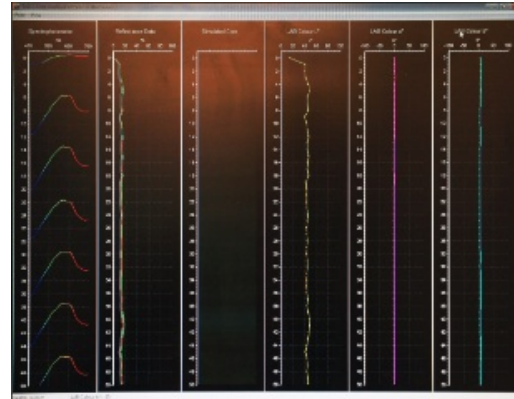
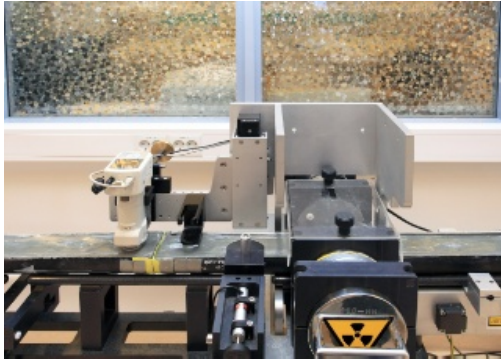
Multi sensor core logger



Physical properties provide valuable information about the composition of marine and lacustrine sediments. The Department of Geosciences owns a GEOTEK Multi Sensor Core Logger (MSCL-S) that is used to perform measurements on whole and split cores.

The instrument is equipped with sensors allowing the measurement of wet-bulk density, p-wave velocity and p-wave amplitude, magnetic susceptibility (loop and point sensors) and temperature.

The MSCL is furthermore equipped with a portable Konica Minolta CM-700d spectrophotometer that measures the surface reflectance of split sediment cores at wavelengths from 400 to 700 nm without destroying the sediment surface.



MSCL with spectrophotometer

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