

X-ray instrument

X-ray images provide information about the internal structure of samples such as lithological variations of sediment cores, bioturbation, ice-transported material and shells (for carbon dating).

MSCL-XCT can be used to image whole and split sediment cores, drill cores and rock samples/slabs. X-ray images of 1-meter-long samples are obtained in less than 5 minutes. Whole cores can be rotated so that users can visualize and record three-dimensional structures in the cores.



Photo: Kai Mortensen



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