

2017-F2-06 Marine heat flow measurement system

Responsible person: YAMANO Makoto

Information of equipment:

The system consists of a data logger, probes, temperature sensors, weight, and an acoustic pinger. Heat flow is measured by penetrating a probe equipped with multiple temperature sensors into seafloor sediment. An instrument for thermal conductivity measurement on sediment samples (Quick Thermal Conductivity Meter, Kyoto Electronics Manufacturing Co., Ltd.) is also available.

Conditions of Use and Remarks:

Users must have an experience in marine heat flow measurement, unless they conduct cooperative research with the Earthquake Research Institute.

Application periods: Any time, as needed.

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