

## 40Ar/39Ar dating system using automated temperature controlled laser step heating

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We have developed a fully automated laser step heating system for 40Ar/39Ar dating.

The system is connected through GPIB interface. The valve opening, sample temperature and measurement are controlled by a BASIC workstation.

This new system not only improve quality of data, but also save researchers from laborious work. The basic technique of the system is applicable to similar gas extraction systems.