

# Temperature data logger

## i-VACQ

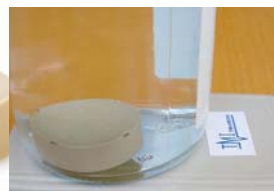


Contactless temperature data logger for thermal processes from 0°C to +140°C

Data communication without contact through a thin non metallic container is possible thanks to an inductive technology.

Watertight, bio compatible, with corrosion resistant packaging, this logger is very well adapted to temperature monitoring during transportation, storage and for chemistry.

Currently available in one version : i-VACQ 1T with internal temperature sensor



### Metrology

- **Operation range:** from 0°C to +140°C
- **Uncertainty:** +/- 0.1°C
- **Resolution:** 0.02°C

### Technical specifications

- Peek packaging
- No contact between the interface and the logger
- Near communication through a non metallic material
- **Dimensions:** Height 9.5 mm, Diameter 42 mm
- **Internal sensor:** Pt1000
- **Memory capacity:** 16 000 acquisitions
- **Programmable acquisition rate:** minimum 1 second, maximum 59 minutes and 59 seconds.
- Programmable acquisition duration
- Programmable recording start by date, hour, minute or temperature threshold
- User replaceable battery
- Non volatile memory (EEPROM)

### Software environment

- Data transfer through a dedicated communication interface connected on USB port.
- Windows environment Windows® 98/Me/NT/2000/XP