

NanoVACQ Weight

Measure the weight constraints on cans during your processes, transportation and storage.

Metrology

- Operating range:
 - In temperature from -15°C to +65°C
 - In weight 5 kN (other measures possible upon special request)
- Overall calibration uncertainties:
 - In temperature +/- 0.5°C (0.9°F)
 - In weight +/- 0.1 % full scale
- Resolution and noise of measurement:
 - In temperature 0.05°C
 - In weight 0.5 N
- Each logger can be checked and calibrated at the temperature points corresponding to the user's needs.
- Annual calibration and checkup recommended.

Technical specifications

- Material : Aluminum and INOX
- Temperature sensors: Pt1000
- Weight sensors: constraint gauge sensor
- Memory capacity : 48 000 acquisitions, divided by number of channels
- One or two platinum temperature sensors can be mounted in addition to weight measurement
- Programmable acquisition rate: minimum 1 acquisition per second, maximum every 59 minutes and 59 seconds
- Programmable acquisition duration
- Programmable recording start by date or on temperature threshold
- 9 V user replaceable battery
- Non volatile memory (EEPROM)

Software operating conditions

- Programming and data recovery via interface connected to a PC serial or USB ports.
- System requirements Windows® 98/Me/NT/2000/XP

