



Installation

1

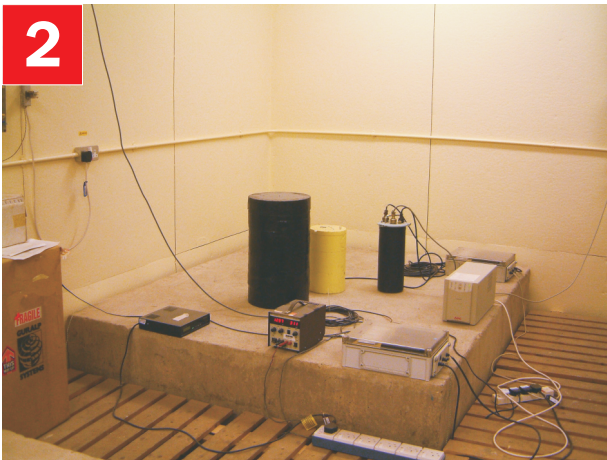


Check you have all components and cables.

- CMG-40T or CMG-40T-1 medium motion broadband seismometer
- Thick grey signal cable
- Sensor calibration data booklet
- Breakout box, if ordered
- Handheld control unit, if ordered

You will need a suitable digitizer or recording equipment, and a 12–24 V DC power supply.

2



Choose a suitable site to install the sensor.
The sensor should be mounted

- at, or ideally below, ground level
- away from sources of natural noise (e.g. wind, surf)
- away from sources of cultural noise (e.g. traffic)
- in contact with bedrock, if possible
- otherwise, on a hard granite or concrete pier in an environment with constant temperature
- shielded from air currents (e.g. in a polystyrene box)
- away from electrical cables and appliances

3



Loosen the brass locking nut on one of the adjustable feet. Turn the foot, screwing it in or out to level the sensor. Check using the spirit level on the sensor lid.

Repeat with the other adjustable feet, until the bubble in the spirit level lies entirely within the inner circle.

Tighten the brass locking nuts *downwards* to secure the feet.

Please refer to the full manual for detailed usage instructions, calibration and troubleshooting.

