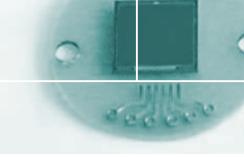
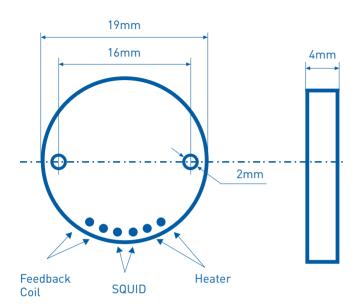
SQUID Magnetometer

Model MS green





The **Model MSgreen** is designed for extremely sensitive measurements of small magnetic fields such as biomagnetic fields of the human heart or brain. With a field sensitivity of better than $3.5 \text{ fT/Hz}^{1/2}$ it is well-suited for these types of applications.

For mechanical protection, easy mounting, and safe handling the magnetometer is placed in a fiberglass capsule as shown schematically in the figure.

Model MSgreen can be supplied with SQUID electronics.

Features

- · Chip size 7.5 mm × 7.5 mm
- · Three feedback coils are available for your choice with a mutual inductance of:

M = 70 pH	30 μA/ Φ_0
M = 40 pH	50 μA/ Φ_{0}
M = 35 pH	60 μΑ/ Φ_{0}

- · Voltage modulation more than 40 μV
- · Working temperature 1...5 K
- · Integrated on chip heater to expel a frozen flux
- · Fabricated using the robust all-refractory Nb/Al-AlO_x/Nb technology

