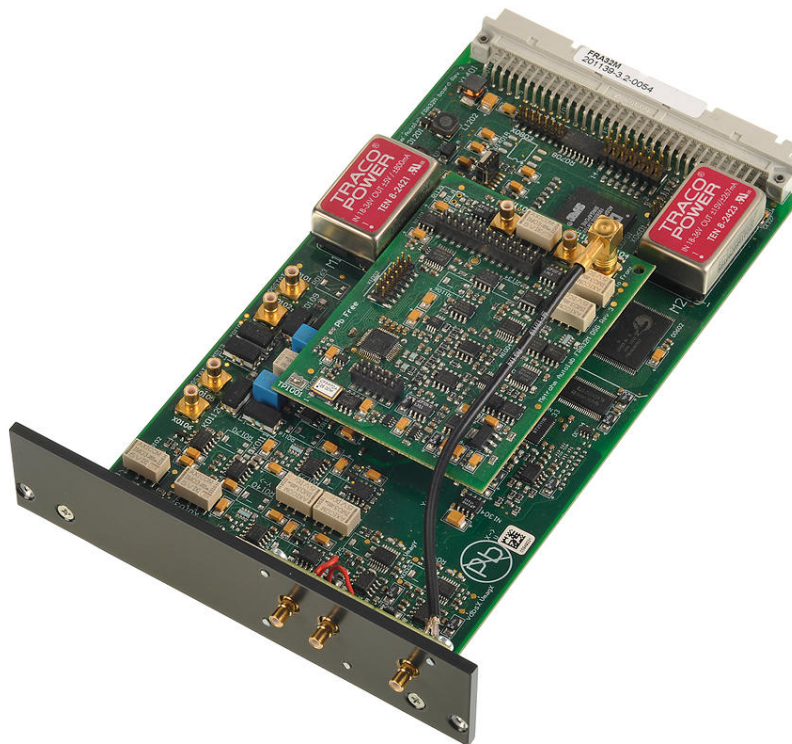




Electrochemical Quartz Crystal Microbalance module

EQCM.S

The EQCM module provides the means to perform Electrochemical Quartz Crystal Microbalance experiments. The EQCM module measures a mass change per unit area by recording the change in resonant frequency of a quartz crystal oscillator.

Measurements in the sub $\mu\text{g}/\text{cm}^2$ are possible. The EQCM can be fitted with 6 MHz, AT-cut crystals.

The EQCM module is supplied with a suitable electrochemical cell, reference and counter electrode and two 6 MHz gold-coated crystals.

Below, the accessories are grouped into Scope of delivery and Optional accessories.

Please keep this printout at hand for ordering replacement material.

These lists may be subject to change.

Scope of delivery EQCM.S

Qt.	Order no.	Description
-----	-----------	-------------

2 PCS

EQCM.AU

EQCM 6 MHz Au/TiO₂ crystal working electrode

EQCM 6 MHz Au/TiO₂ crystal working electrode



1 PCS

EQCM.CE

EQCM counter electrode

Gold coil counter electrode for Autolab EQCM cell.



1 PCS

EQCM.REF.EL.S

Reference Electrode Ag/AgCl 3M KCl

Reference Electrode Ag/AgCl 3M KCl



Optional accessories

Order no.	Description	
EQCM.AU	EQCM 6 MHz Au/TiO2 crystal working electrode	
	EQCM 6 MHz Au/TiO2 crystal working electrode	
EQCM.PT	EQCM 6 MHz Pt-coated crystal working electrode	
	EQCM 6 MHz Pt-coated crystal working electrode	