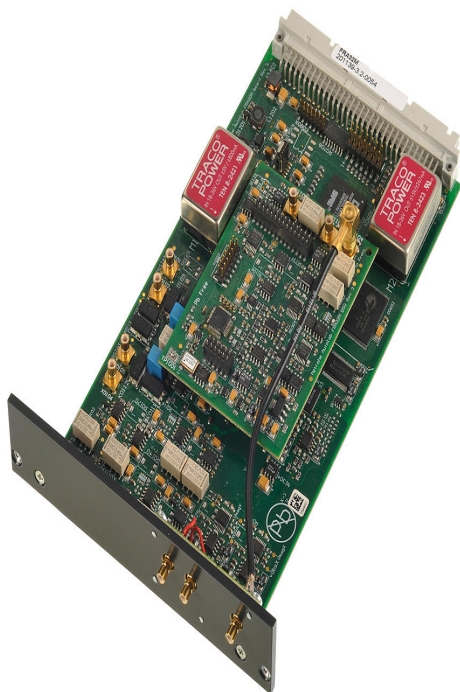




Electrochemical Quartz Crystal Microbalance module

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

Order Number	Description	Quantity
EQCM.AU	EQCM 6 MHz Au/TiO₂ crystal working electrode EQCM 6 MHz Au/TiO ₂ crystal working electrode	2 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	1 PCS
		

Optional accessories

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

