

## QCM – Flow Through Liquid Cell **LC01**

### Product description

The Flow Through Liquid Cell LC01 consists of two main parts: the lower part holds the quartz crystal and provides the electrical contacts to the crystal's electrodes, the upper part contains the inlet and outlet channels together with the tube connections. Each part includes an x-ring, between which the quartz crystal gets clamped, resulting in a sealed measuring chamber through which the sample passes and comes in contact with the gold electrode of the quartz crystal.

For assembling the Flow Through Liquid Cell LC01 the Flow Through Cell Holder CH01(separately available) is needed.



### Technical data

Compatible QCM crystal size:	0.538 – 0.551'' (13.7 – 14.0 mm)
Chamber volume:	~25 $\mu$ l
Chemical stability:	aqueous solution, biological buffer
Flow through tube connection:	1/4''-28 UNF port thread for 1/16'' outer diameter tubes