

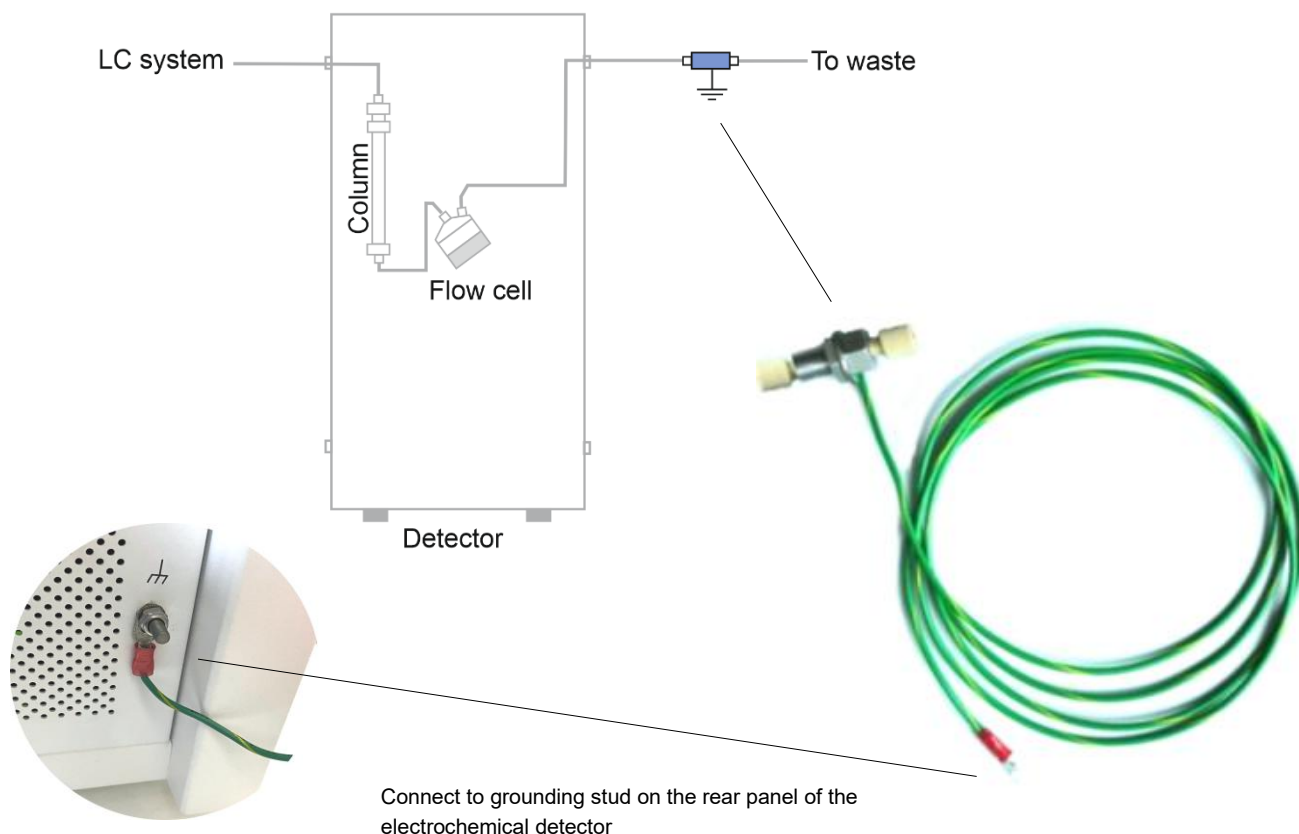
GROUNDING KIT FOR ECD (PN 700013188)

In the case electromagnetic interferences are present in the vicinity of the electrochemical detector (ECD), they may be transmitted into the flow cell via the mobile phase in the connected tubing. This may lead to an increase in noise or random oscillations in the detector baseline which in turn will result in a loss of performance. The grounding kit for ECD is a tool which may help to eliminate/suppress the problem of electromagnetic interferences in electrochemical detection. The kit consists of two separate parts that can be used separately or together:

Part 1: Outlet tubing grounding lead for ECD (PN 700013186)

This part consists of a metal union with two 10-32 fingertights connectors. The union has an electrical ground wire which can be connected to the grounding stud on the rear panel of the ECD. In this manner, the mobile phase passing through the union is also grounded.

How to connect: cut the outlet tubing from the cell (which leads to the waste bottle) with a PEEK tubing cutter and connect the union in between as depicted below. The union can be left dangling or fixed using the provided holder.



Part 2: Column grounding lead for ECD (PN 700013187)

This part consists of a grounding lead with an alligator clip on one side and a faston connector on the other end. This grounding lead is for use inside the detector oven compartment.

How to connect: the alligator clip can be clipped onto the column (but only if it has a metal housing), or to a (metal) T-splitter in case that is part of the analytical set-up (see pictures below). The other end with the faston connector can be slid over the faston tab that is located at the center top side of the oven compartment (= grounding point).

