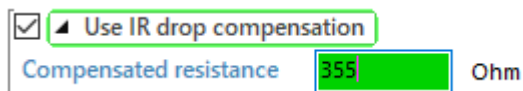


PalmSens4 IR Compensation Module

Software

The resistance to compensate for can be entered directly in the Method Editor in PSTrace:



If auto ranging is not allowed for the compensation used in combination with the selected current ranges, this is shown in the Method Editor:



Make sure a single current range is selected in these circumstances.

Main Specifications

PalmSens4 IR-Drop Compensation Module

- | | |
|--|-------------------|
| ▪ Method used for IR-drop compensation | Positive Feedback |
| ▪ Resolution of MDAC used for correcting potential | 16 bit |
| ▪ Max. compensated resistance | 1 MOhm |
| ▪ Max. bandwidth with IR-drop compensation enabled | 10 kHz |

Supported Techniques

The following techniques are supported for use with IR compensation:

- Linear Sweep Voltammetry
- Cyclic Voltammetry
- Square Wave Voltammetry
- Differential Pulse Voltammetry
- Normal Pulse Voltammetry
- ChronoAmperometry
- Multistep Amperometry