

eNPR - connection diagram



Revision History

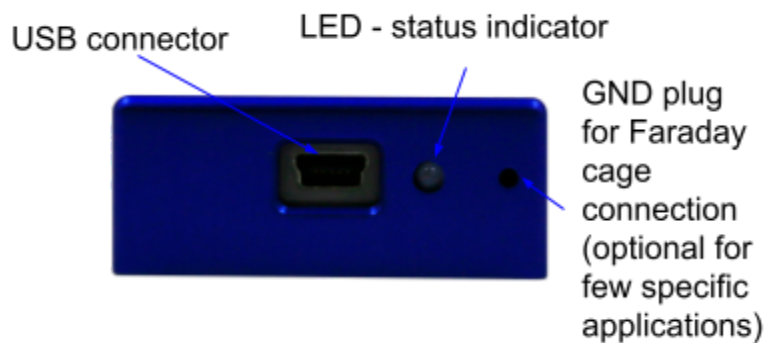
Date	Version	Description
30/12/2019	1.0	First version of document



eNPR front-side connections

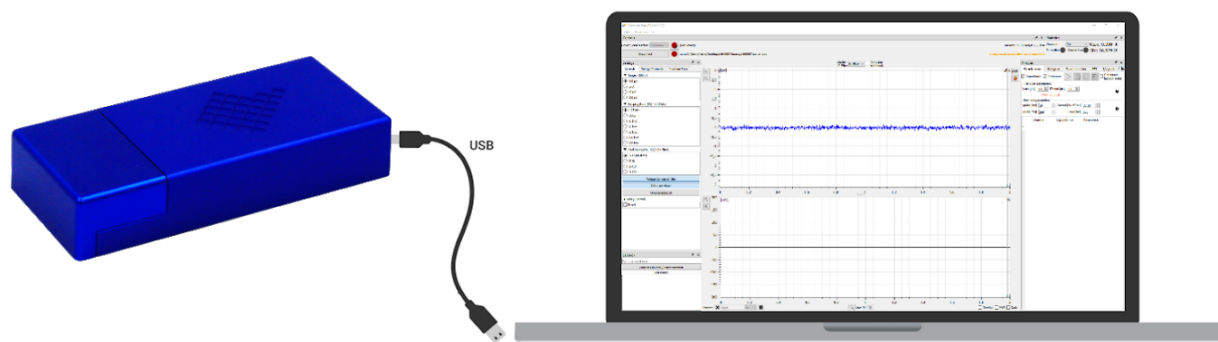


eNPR back-side connections





Typical eNPR connection example



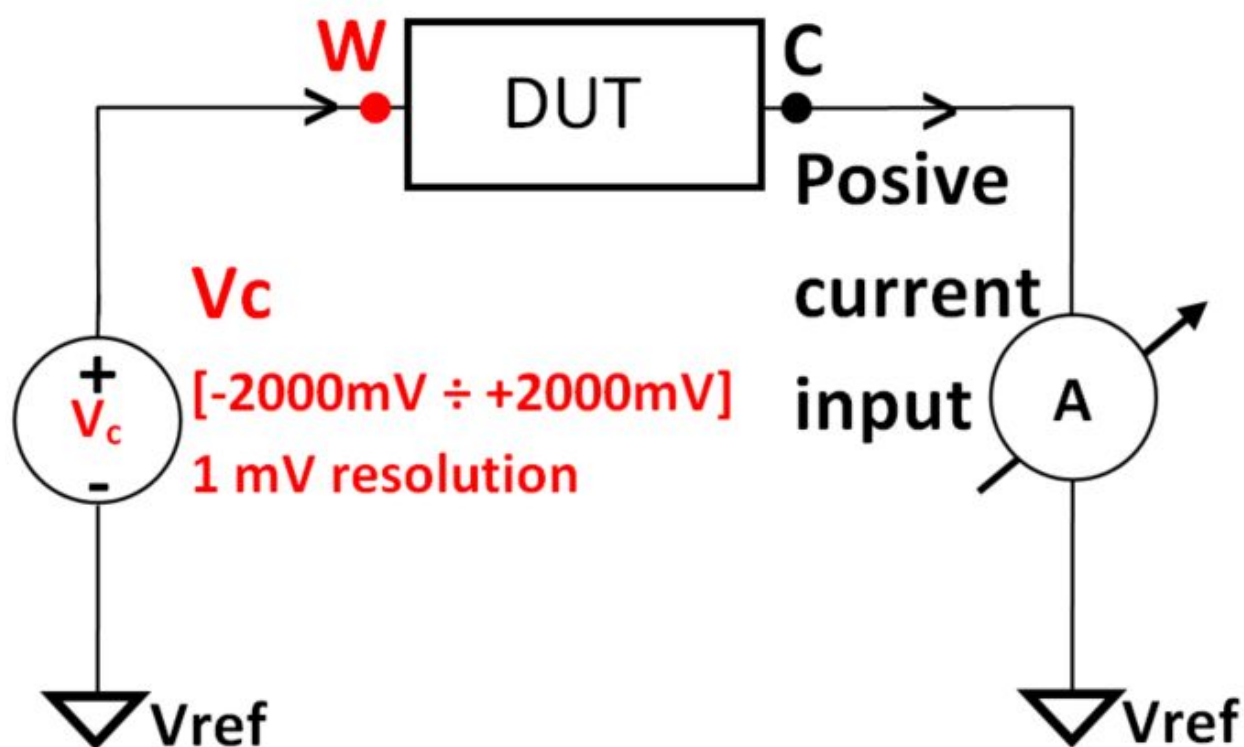
The eNPR is directly plugged to a laptop via USB cable and it forms a complete and stand-alone system.

It has a miniaturized Faraday cage given by the lid that is directly put on the eNPR and it is connected to it.

In order to avoid possible leakage and issues with the calibration of the device, it is important to pay attention to not wet the white plastic slot when the chambers of the flow cells are filled with liquids.



ATTENTION!
OBSERVE PRECAUTIONS FOR HANDLING
ELECTROSTATIC SENSITIVE DEVICES



The nanopore reader has two working modalities; in particular with the ultra low noise modality the noise is further reduced by about one third compared to the standard low noise values, with the only limitation that the voltage stimulus is limited to $\pm 700\text{mV}$ (Please refer to the proper [“Ultra low noise modality”](#) guide for details).