

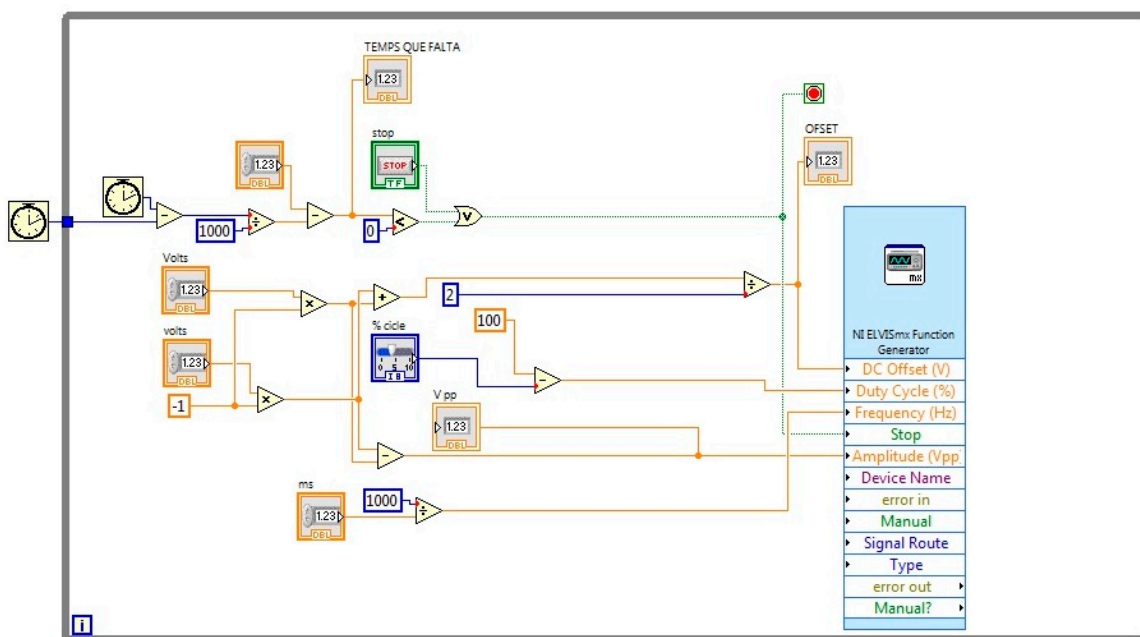
Supplementary

# Polyethylene Glycol Pulsed Electrodeposition for the Development of Antifouling Coatings on Titanium

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To control the voltage wave form, a virtual instrument was generated with the software Laboratory Virtual Instrument Engineering Workbench (LabVIEW®, National Instruments) (Figure S1), and an oscilloscope controlled the output signal (DSO1052B, Agilent Technologies).



**Figure S1.** Graphical flow diagram of the virtual interface designed for the electrodeposition control.

The user interface of the LabVIEW® virtual instrument (Figure S2) allows for the control of the maximum and minimum voltage, the cycle time, the duty cycle percentage, and the time of the assay.

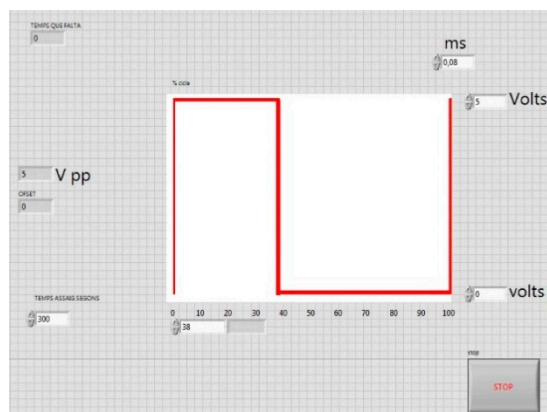


Figure S2. User interface (front panel) for the electrodeposition control.

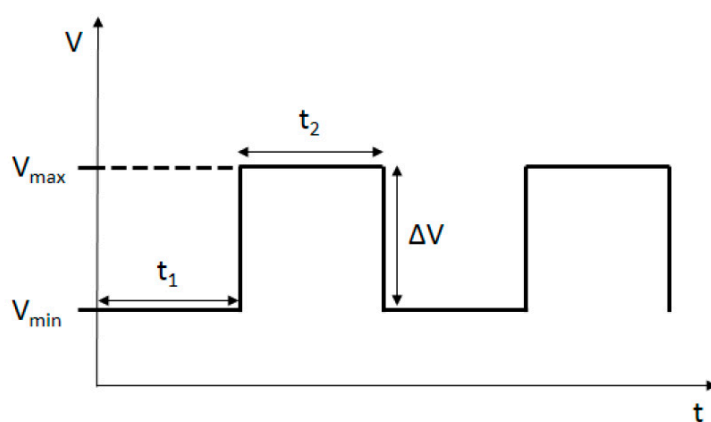


Figure S3. Square wave used for the pulsed electrodeposition.



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