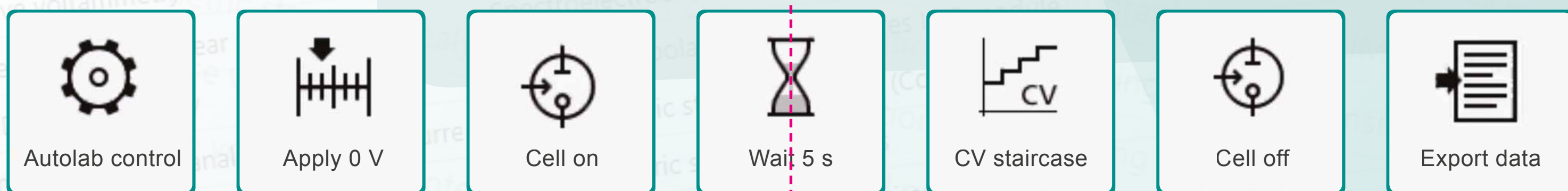




#KnowNOVA



6 easy steps to Optimize your NOVA procedure



1 START
with a default procedure from the Library

File Edit View Measurement Help

Library

Procedures

- Default procedures
 - Cyclic voltammetry
 - Linear sweep voltammetry
 - Voltammetric analysis
 - Chrono methods
 - Potentiometric stripping analysis
 - Impedance spectroscopy
- My procedures

2 FILL IN
the relevant **command** properties

Command name: CV staircase

Start potential: 0 VREF

Upper vertex potential: 1 VREF

Lower vertex potential: -1 VREF

Stop potential: 0 VREF

Number of scans: 1

Scan rate: 0,1 V/s

Step: 0,00244 V

Interval time: 0,0244 s

3 USE LINKS
to define relationships

CV staircase

- ☐ Start potential
- ☐ Upper vertex potential
- ☐ Lower vertex potential
- ☐ Stop potential
- ☐ Scan rate
- ☐ Step
- ☐ Number of stop crossings
- ☐ Alpha value
- ☐ Potential applied
- ☐ Time
- ☐ WE(1).Current
- ☐ WE(1).Potential
- ☐ Scan
- ☐ Index

4 CONFIGURE PLOTS
to visualize your data

	Enabled	Plot number	Options
i vs E	☒		Edit
i vs t	☒		Edit
Log(i) vs E	☐		
Log(i) vs Log(t)	☐		
E vs i	☐		
E vs t	☐		
E vs Log(i)	☐		

5 ADD ANALYSIS
to automate calculations

Cyclic voltammetry potentiostatic

VIRT00001

Autolab control Apply 0 V Cell on

CV staircase

IR drop correction Peak search

6 EXPORT RESULTS
in the format of your choice

Export data

CV staircase

- ☐ Start potential
- ☐ Upper vertex potential
- ☐ Lower vertex potential
- ☐ Stop potential
- ☐ Scan rate
- ☐ Step
- ☐ Number of stop crossings
- ☐ Alpha value
- ☐ Potential applied
- ☐ Time
- ☐ WE(1).Current
- ☐ WE(1).Potential
- ☐ Scan
- ☐ Index
- ☐ Corrected potential

Export data

File name Foldername Remarks Column 1 Column 2