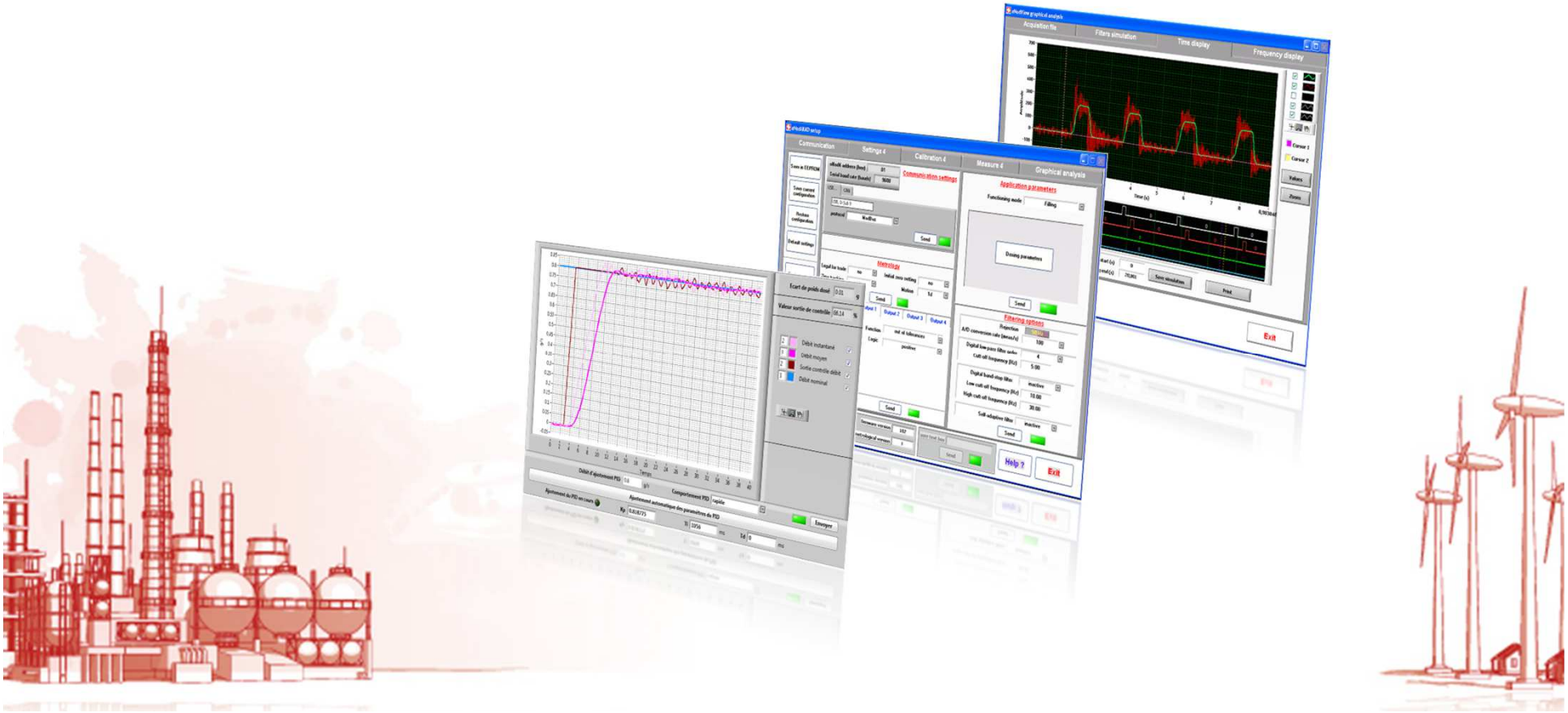
scaime

weighing & sensing for industry

eNodView

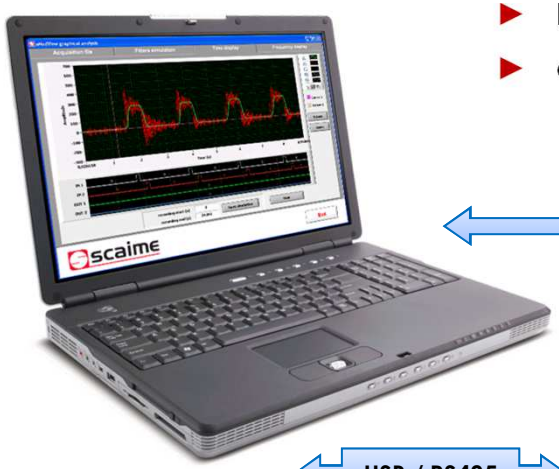
Configuration and data analysis software



Introduction

eNodview offers many tools to make easy the eNod devices implementation

- It allows system configuration and calibration
- It's also a powerful measurement acquisition and signal processing software
- eNodView is available in English and French

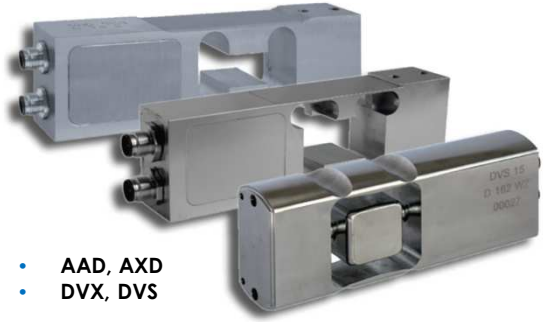


USB

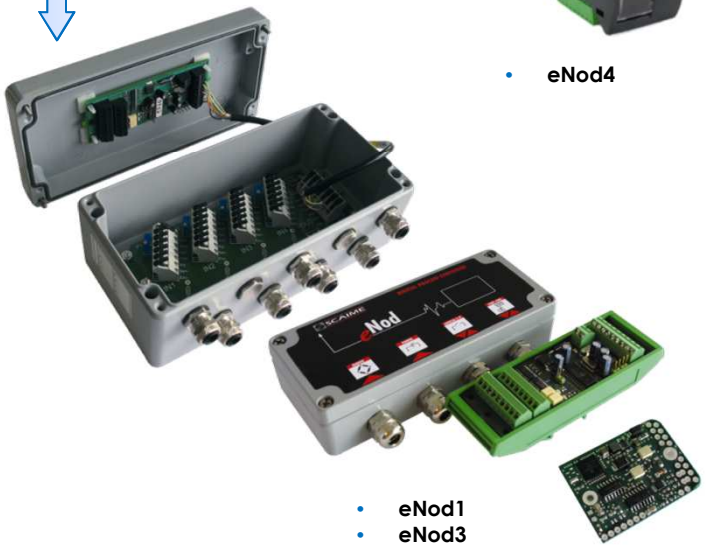
USB / RS485
USB / RS232

USB / RS485

- eNod4



- AAD, AXD
- DVX, DVS



- eNod1
- eNod3

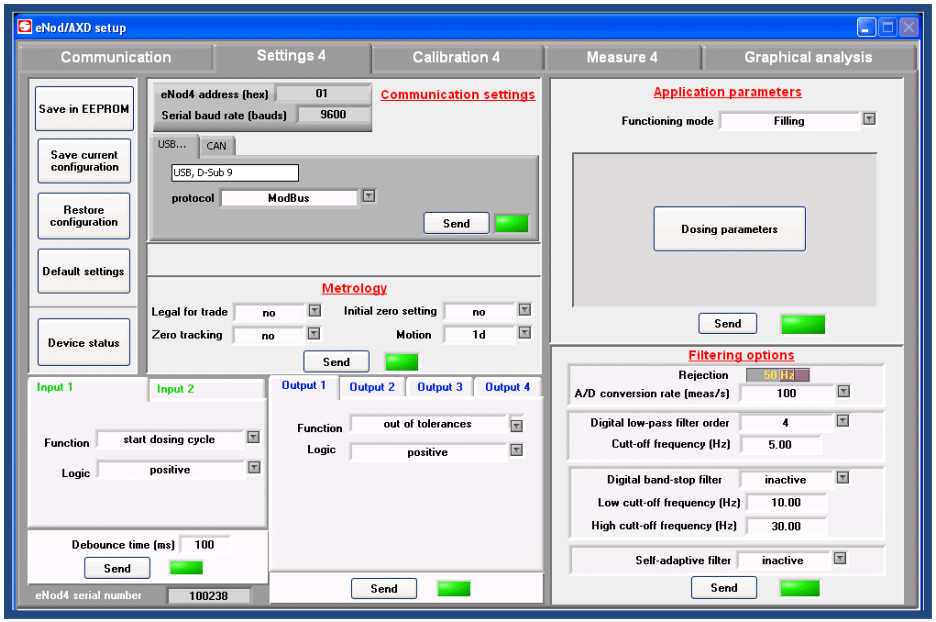
General features

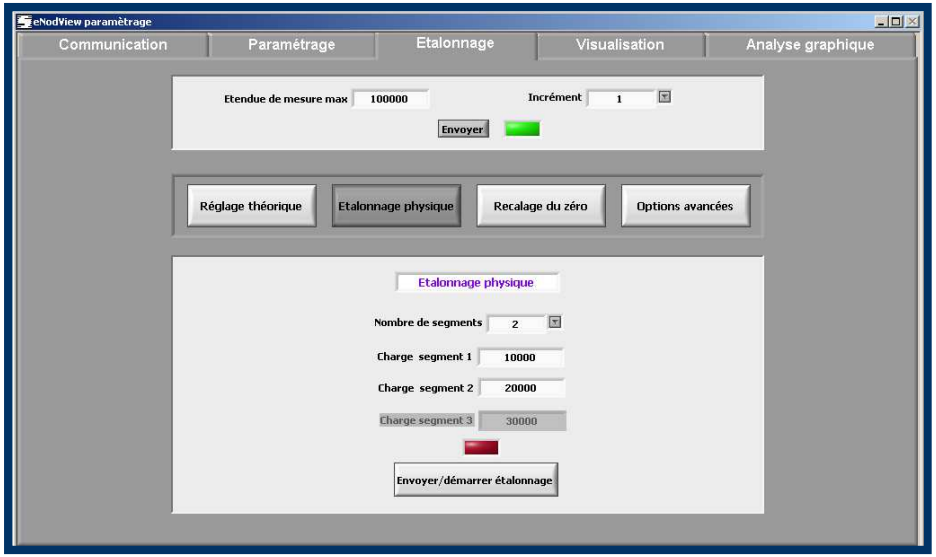
Configuration

- **Access to all parameters**
  - Communication
  - Functioning modes
  - Digital filters
  - Digital Inputs/outputs

- **Modification, Save and Restore configuration functions**

- **eNodView allows physical or theoretical calibration of the weighing system**





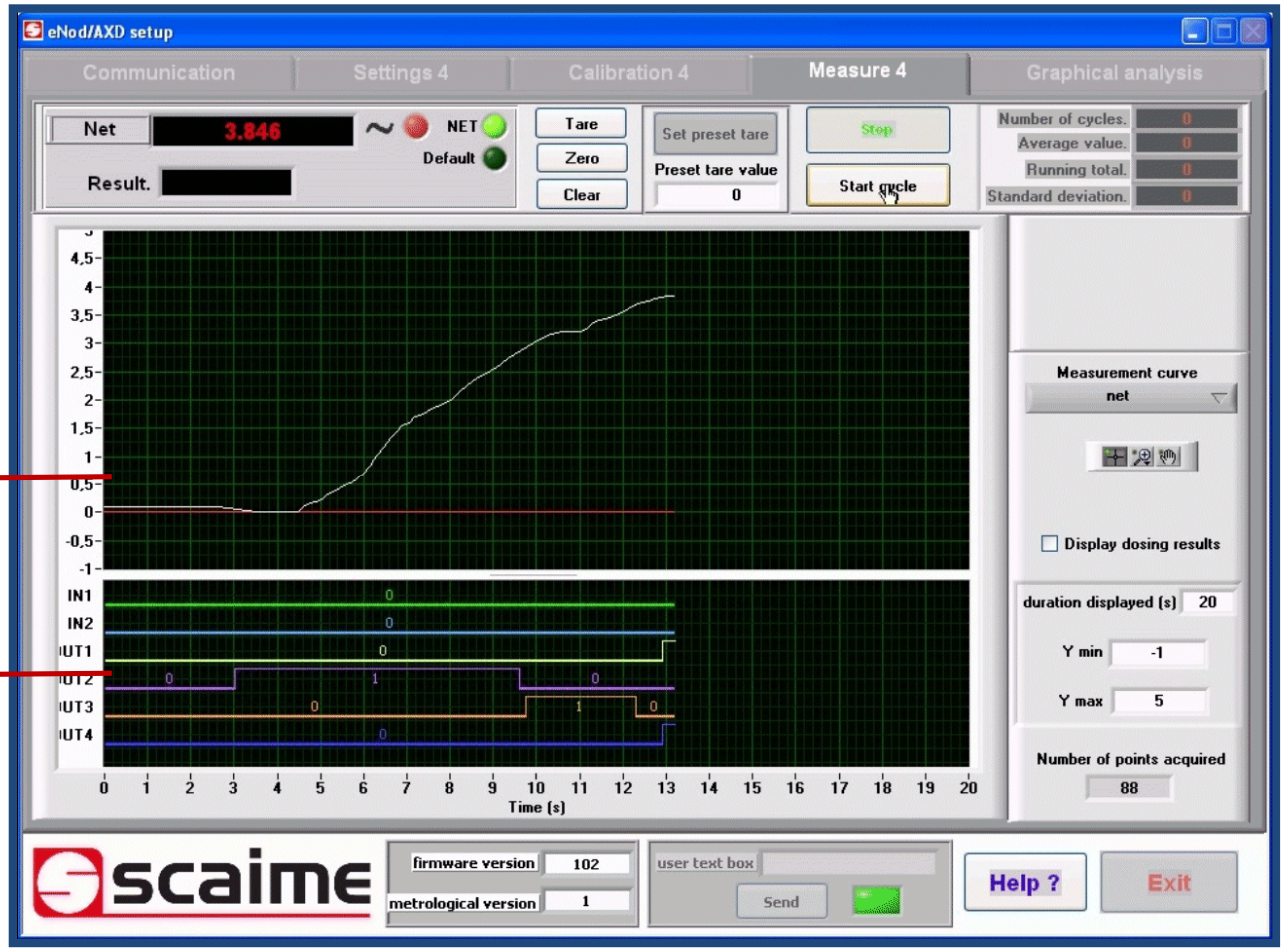
General features

Display

- **Real time and graphical display of measurement and digital I/Os**

Measurement display

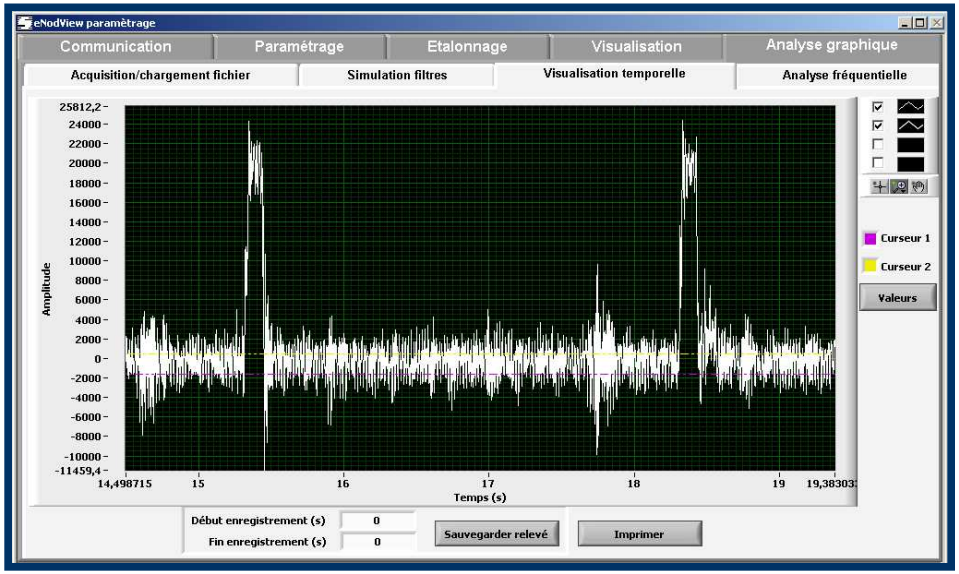
Digital I/Os display



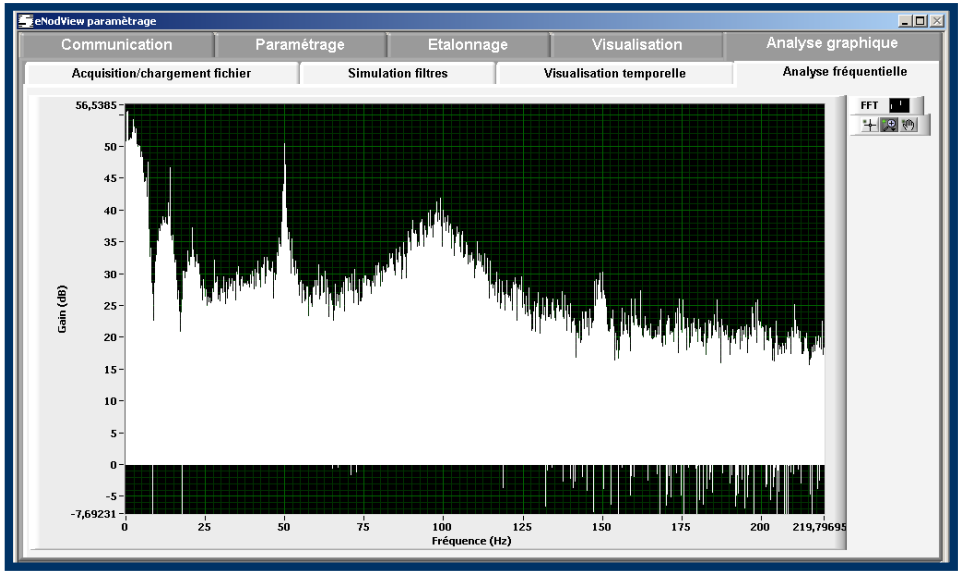
General features

Analysis

- **Measurement acquisition and Time displaying**
  - Zoom management
  - Cursors management
  - Save and Load from data acquisition file



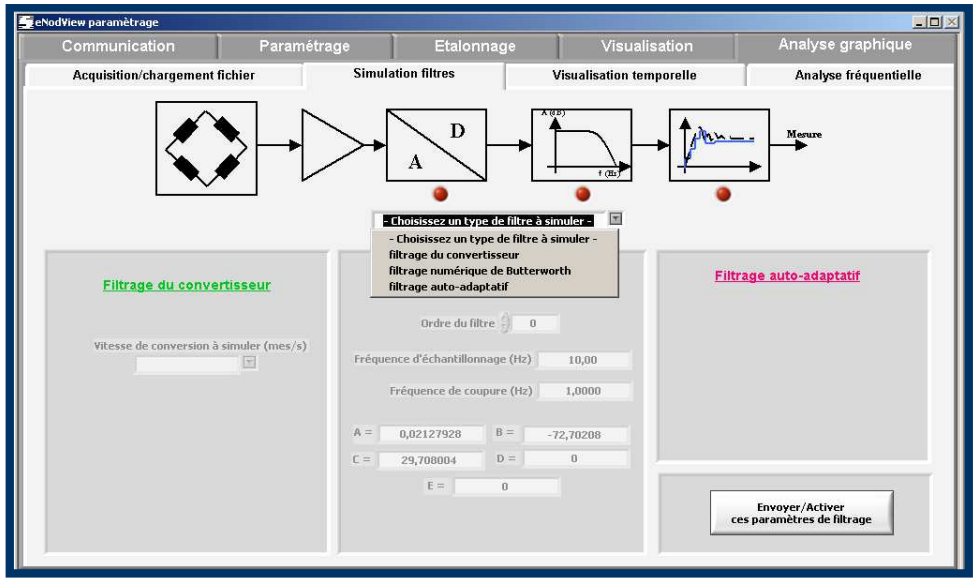
- **Frequency analysis (FFT)**



General features

Simulation

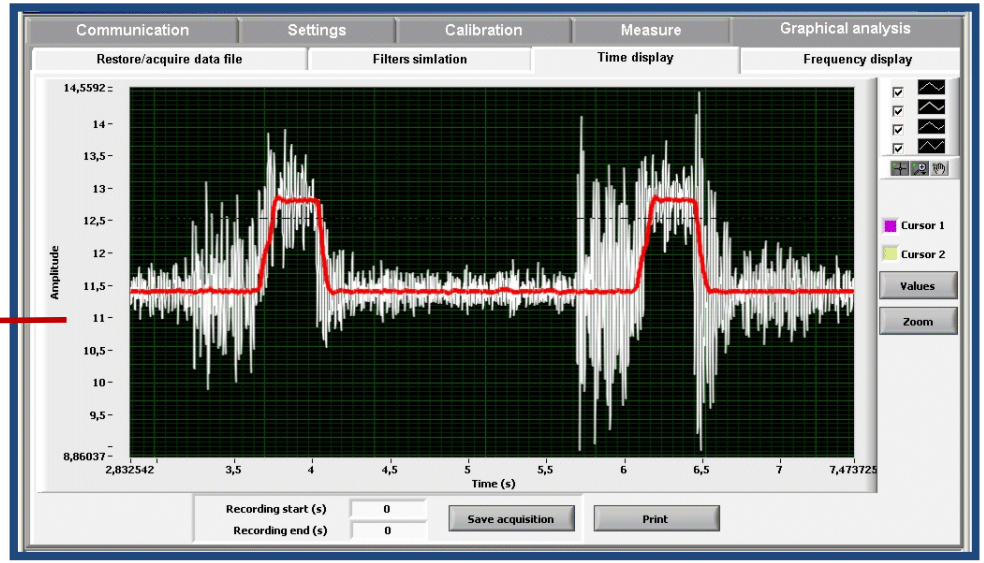
- **Simulation of digital filters integrated into eNod**
  - A/D converter digital filter
  - Low-Pass filter
  - Notch filter
  - Self-adaptive or average filter



- **Filter setting for simulation**

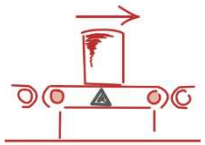
- **Display of simulated digital filters**

In red, simulation of Low-pass filter on row signal



Functions for checkweigher

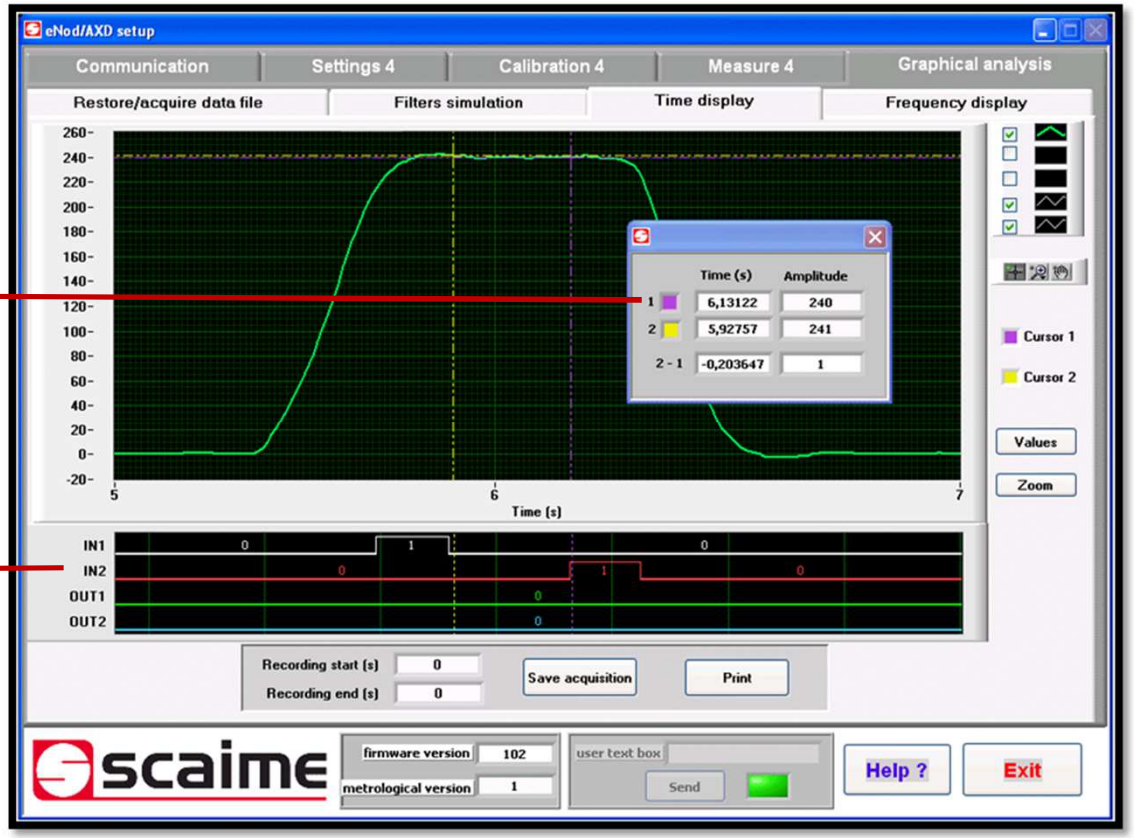
For devices with application version C



- **Time display and setup of dynamic checkweighing cycle**
  - Display of measurement, time and checkweigher result between 2 cursors

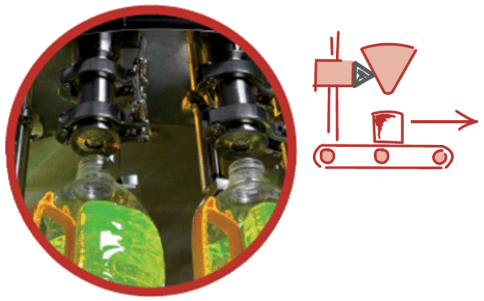
Adjustment of triggering and measurement time

Triggering display
2 detectors on digital inputs



Functions for Dosing

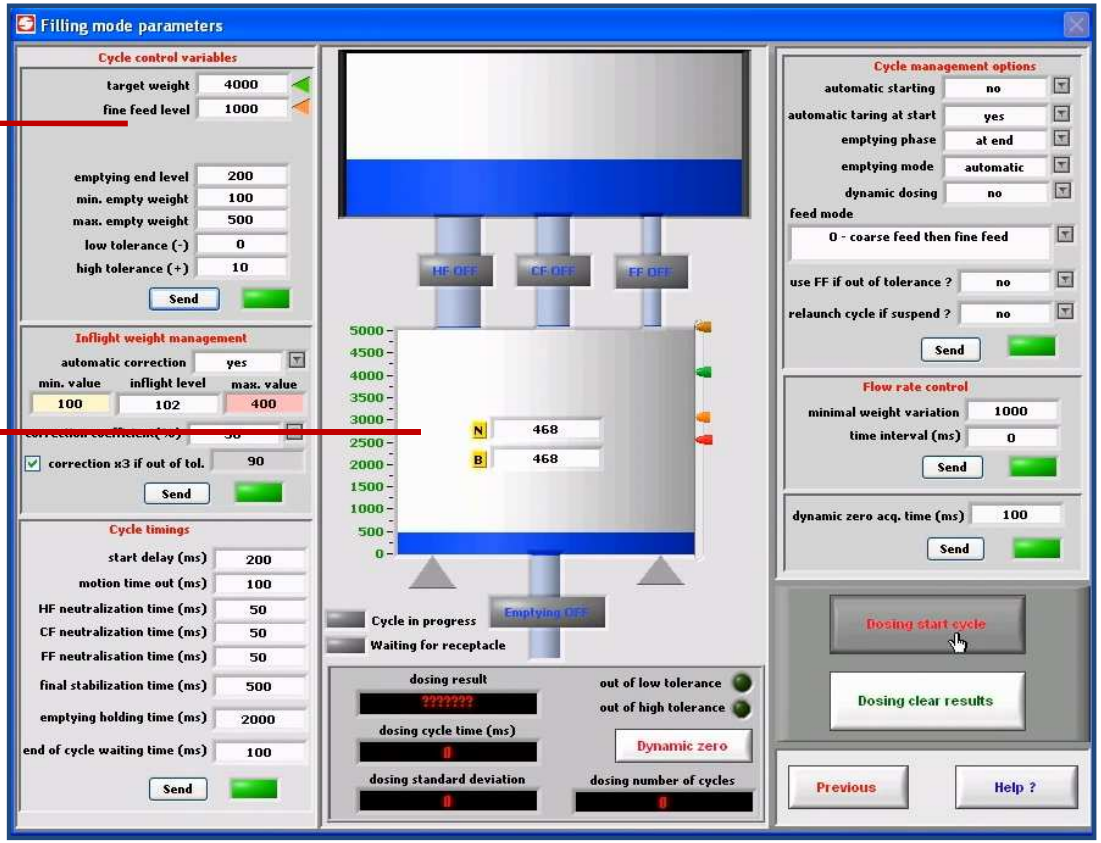
For devices with application version D



- **Configuration and monitoring of dosing cycle**
  - Target values
  - Input/output display

Setting of dosing parameters

Real time monitoring of dosing cycle



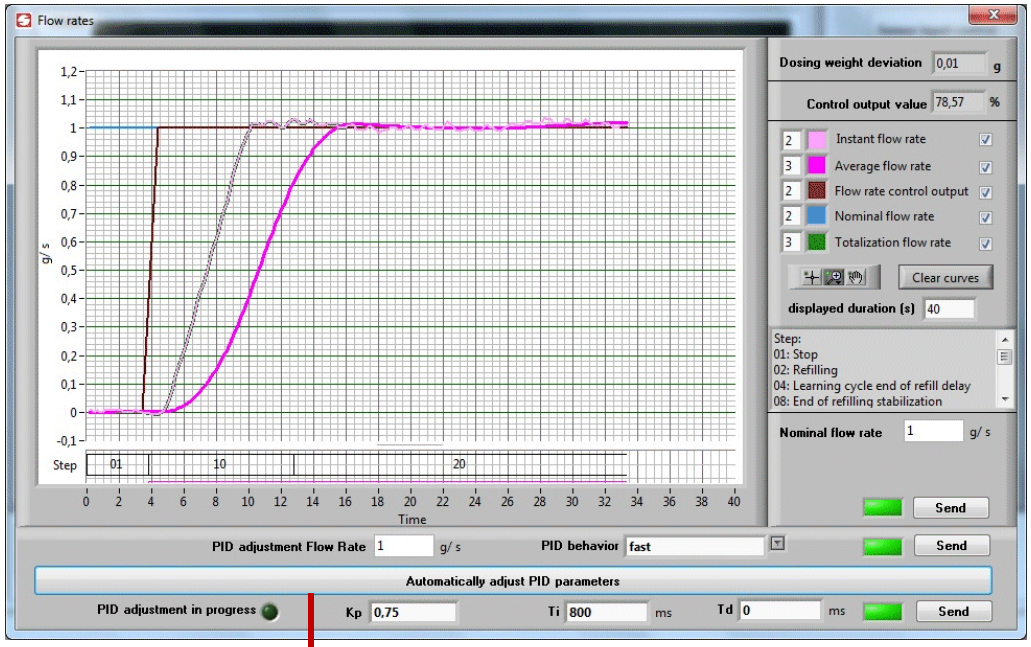
Functions in Flow rate control

For devices with application version B and F

- **Display of flow rate data**
  - Instant flow rate
  - Average flow rate

- **Display of flow rate output control and PID adjustment**
  - setting of PID parameters (Kp, Ti , Td) by graphic display of the step response

- **Launching and monitoring automatic adjustment of PID parameters**

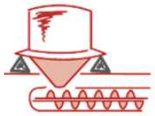


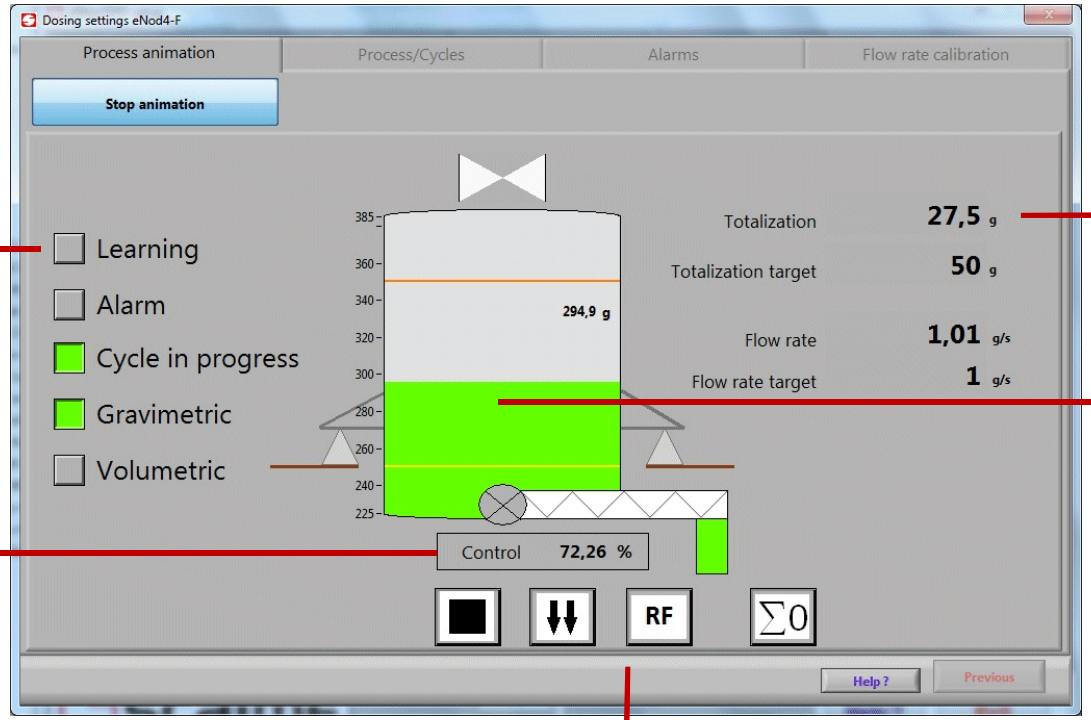
Automatic adjustment of PID parameters

Functions for continuous feeding

For devices with application version F

- **Control and monitoring of continuous feeding cycle**





Dosing cycle status and alarms

Regulation data
Control output

Flow rate and total
Total current / Target Total
Flow rate/ Target flow rate

Dosing data
Vessel level status and vessel weight

Control keyboard

scaime

weighing & sensing for industry

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