



# SONOFLOW C<sup>3</sup> Software

Smart Sensing for Non-invasive Flow Sensors

SONOTEC

With the influence of digitization and increasing needs for process monitoring, laboratory, R&D, and single-use manufacturing environments are changing rapidly. Networked laboratory devices with smart functions, automation concepts, and efficient interface solutions have altered laboratory workflows and stand for the new era of Lab 4.0. Therefore, a rising tide of the continuous availability of data requires an easy data handling and secure data logging.

**SONOFLOW C<sup>3</sup> Software** constitutes a milestone in user-friendly smart sensing. The new software hub assures a straightforward application of SONOFLOW & SEMIFLOW sensors providing a number of advantageous features for the users.



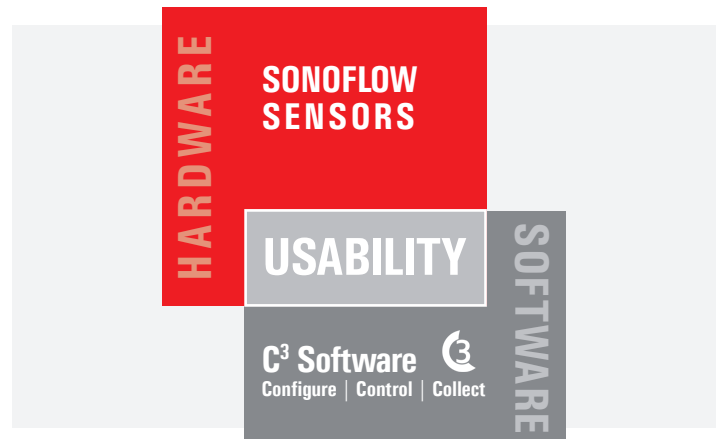
**CONFIGURE** | SENSORS FOR SPECIFIC APPLICATIONS

**CONTROL** | SENSOR PERFORMANCE & OUTPUTS

**COLLECT** | MEASUREMENT & SENSOR DATA

## KEY FEATURES

- Easy monitoring of flow sensors
- Configure the sensors for different applications
- Control sensor performance and outputs
- Collect measurement and sensor data
- Data logging with auto save function
- Setting sensor outputs / inputs
- Minimizing maintenance costs



## SUPPORTED DEVICES



SONOFLOW CO.55



SEMIFLOW CO.65

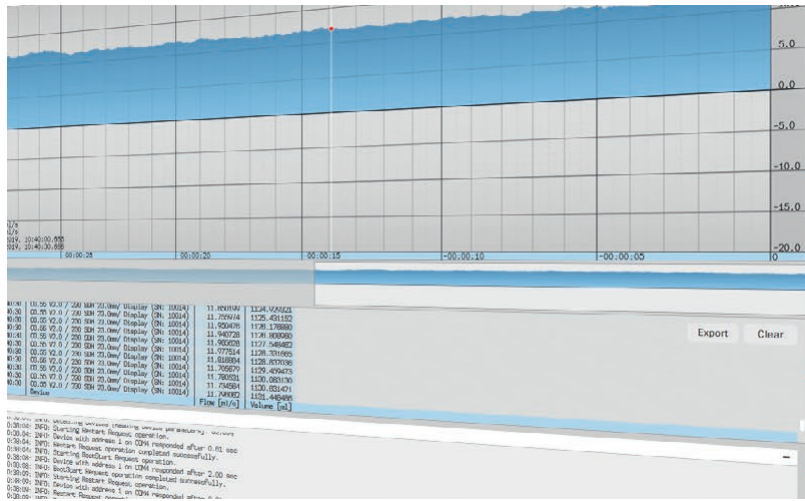


SONOFLOW IL.52



SONOFLOW RD.10

# SOFTWARE PERFORMANCE INDICATORS



Series: C0.55 V2.0 / 230 STM  
 Sub-type: 23.0mm / Display  
 Model: 0  
 Tubing: V2.71  
 Firmware: Board F11-V2.2 / Display  
 Hardware: ATmega644 / Display  
 Serial number: 10014  
 Scratch: V02.71.02.04  
 Connection state: Available

Rescan

Device Control (Sensor)

Protocol Address: 1

Target Sampling Rate: 20.00

Discard Apply

Calibrate Zero Flow

Reset Volume Counter

Calibrate Zero & Reset Vol. Counter

Device Presets

User Presets: None

Factory Default

Readings

Maximum Flow [ml/s]: 383.300

Frequency Output

Configuration: Flow

Minimum Flow [ml/s]: 0.000

Maximum Flow [ml/s]: 383.300

Frequency at maximum flow: 20.00

Switching Output

Configuration: Pulse Volume

Pulse volume [ml]: 1.000

Output Type: push pull

Invert output: L / H

Switching Input

Configuration: Auto Zero

External Auto Zero control:

Integrated Display

Value type in line 1: Flow

Value unit in line 1: [ml/s]

## SENSOR ADJUSTMENTS

- Sensor adjustments to customer specific fluids or applications by setting a correction / offset factor
- Customizable / definable pre-settings for specific applications
- Setting sensor outputs / inputs for complex automation processes such as for RS-485 network integration
- Easy sensor output selection for optimal system integration
- Loading different \*.hex/\*.c3cvb-files for different applications
- Assigning sensor names for easy identification

## SENSOR OPERATIONS

- Easy sensor identification
- Connection of up to 12 sensors simultaneously
- Real-time flow monitoring & volume totalizing
- Comprehensive data logging functionality with auto save function
- Huge plot area with auto-scaling function and zoom functionality
- Clean interface with password protected user levels
- Monitoring screen with full-screen mode, perfectly suited for laboratory applications and process control
- Customer-specific factory default settings



SONOTEC preserves the right to change technical specifications without further notice. (Rev. 1 / 2020-02-04)

## SALES & SUPPORT

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**SONOTEC**   
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