



LiquiSonic® Lab Controller

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The LiquiSonic® Lab controller is especially used in laboratories, miniplants or as mobile device in process plants.

The electronics of the controller and sensor are integrated in the housing, to which a laboratory sensor is connected. This lab sensor can be made of various materials depending on the application.

The controller processes the sensor data and is the interface to the operator by displaying the concentration values. Being equipped with a high-tech micro-processor, the controller even copes with complex concentration calculations.

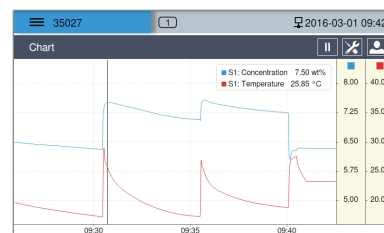
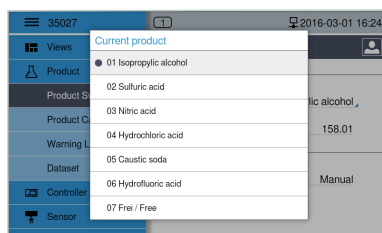
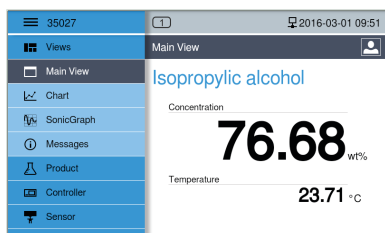
The clear, user-friendly and multi-lingual menu structure allows the intuitive system operation without extensive manual study.

The internal data memory has a capacity of up to 32,000 records. By reading out via the integrated TCP/IP or RS-232 interface, it is possible to create easily own process reports.

The process data or limit values will be updated every second.

Features

- transportable and space-saving
- simple parameterization
- automatic self-monitoring
- management of up to 32 products (256 optional)
- long-term memory of measuring results
- clear and extensive trend charts
- different sensors available in material and design



Specifications

Electrical data

power supply	100-240 V AC, 50-60 Hz optional: 24 V DC (19 to 32 V DC)
power consumption	230 V AC: typ. 25 W 24 V DC: typ. 14 W
EMC	compliance with directive 2014/30/EU
electrical security	compliance with directive 2014/30/EU

Data interfaces

standard interface	RS-232 Ethernet USB 3.0
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Housing

dimensions	315 x 170 x 295 mm (width x height x depth)
material	front panel: anodized Aluminium display protection: glass
weight	approx. 5.5 kg
ambient temperature range	0 °C to 40 °C (30 °F to 100 °F)

User interface

display	TFT color display diagonal 7" (17.8 cm) 320 x 240 pixel resolution
operation	Touchscreen, remote via Browser

[SensoTech GmbH](#) · Steinfeldstr. 1 · Magdeburg-Barleben · Germany · T +49 39203 514 100 · info@sensotech.com · sensotech.com
[SensoTech Inc.](#) · 1341 Hamburg Tpk · Wayne, NJ 07470 · USA · T +1 973 832 4575 · sales-usa@sensotech.com · sensotech.com
[SensoTech \(Shanghai\) Co., Ltd. · 申铄科技\(上海\)有限公司](#) · No. 35, Rijiang Road, Pudong New District · 上海市浦东新区外高桥自由
 贸易区日京路35号1241室 · 200131 上海, 中國 · China · 电话 +86 21 6485 5861 · sales-china@sensotech.com · sensotechchina.com