

Sequetrol compact LCD

Compact and reasonably priced controller with LCD for small wastewater treatment plants

- Easily programmable
- Adjusting of the step times can be done on-site using three buttons on the printed circuit board
- Keeps record of last performed step in an event of mains failure
- 5 relay switches (230V)
- Acoustic alarm and mains failure signalization

Why use the Sequetrol compact control unit?

- Compact control unit that stands out due to its price performance ratio
- Backlit 2x16 character LCD allows to have step names, alarm messages and operating hours clearly displayed during operation.
- Even people without programming experience can easily create a program by editing an Excel® table
- Individually equipped (display, keypad, connectors) according to customer requirements
- Integrated operating hours counter
- Automatic release of residual pressure in the valve unit
- Updateable firmware and software
- Design of the front-panel according to customer preference



Sequetrol compact LCD

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Sequetrol compact LCD details

Sequetrol compact LCD has been developed as a comfortable but economically priced control unit.

Equipment:

The extent of the system functionality and the design of the front panel of the **Sequetrol compact LCD** control unit can be tailored to match your individual needs.

The **Sequetrol compact LCD** is also available with features, such as, acoustic signaling of predefined conditions, a **sequence program permanently stored in the EEPROM**, and a set of batteries (optional NiMH rechargeable batteries) to ensure continuous **signaling during power outage**.

The built-in **backlit 2x16 character LCD** allows to have step names, alarm messages, operating hours and other user specific information, clearly displayed during operation.

When the control sequence is interrupted due to mains failure, **the unit will automatically resume operation with the last unfinished step** instead of restarting the program.

Utilizing the three buttons on the circuit board, the **sequence timing can be readjusted at the installation site**, resulting in an increased flexibility in adapting the **Sequetrol compact LCD** to the individual requirements of the particular plant.

Technical data

Attribute	Value
Dimensions (l x w x h)	155mm x 113mm x 76mm
Weight	0,70kg
Ambient temperature	-20°C to +55°C
Protection classification	IP 54
Functions, sequence program, alarms	All according to customer request and requirement. Sequence programs are designed and adapted by the wastewater treatment plant manufacturer by means of an Excel®-chart
Display	Backlit B/W LCD, 2 x 16 characters
Signal-input	Digital input for float switch or other sensors
Data interface	RS-232
Electrical output	According to customer request, up to 5 relays e.g. 230V / 300VA
Power supply during mains failure	Standard camera battery, rechargeable batteries on request
Power supply	230VAC / 1,5VA max.

Build-up of residual pressure in the valve unit is prevented by stopping the compressor before closing the valves. Timing is individually adjustable for each program step (0 - 14s).

Connections:

Available **digital input** can be used to connect a float-switch or another sensor.

Up to **5 relay outputs for 230VAC** offer a comfortable connection of solenoid valves, diaphragm compressors or other loads.

Programming:

The programming process was developed especially with regard to the demands of a real application.

The control unit will be delivered ex-factory already pre-programmed according to customer requirements. **Firmware updates and sequence program changes can be performed with the aid of an inexpensive programming device.** This also makes the **Sequetrol compact LCD** "future-proof" and ready for possible changes of the legal situation.

No programming experience or any special software is needed.

The sequence program can be easily created or modified using a ready-made spreadsheet table (Excel®, OpenOffice® or similar).