UV Touch Control

System Controller

System Features

- Full digital control for UV systems
- Suitable for UV-low- and medium pressure systems
- Automatic recognition of digital power supplies
- Control of all UV system parameters

Advantages

- Illuminated, resistive touch-panel for easy service
- Splash-proof housing installation possible
- Modular costumizable / expandable
- Custom-made software possible

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The **UV Touch Control** has been completely redeveloped and adapted to today's requirements for small- to medium-sized UV systems, both hard- and software-wise.

It is characterized by its **modern design and intelligent functional characteristics** and forms the basis of an extensive system control. Thanks to its **modular structure**, it is **configurable on customer's request**. The setting of system parameters is certainly achieved by an **user-friendly menu navigation**.

Characteristics

The **UV Touch Control** is operated with a 24 V supply and can be used in almost all UV systems worldwide. The **touch-sensitive screen** can be equipped with a **splash-proof front foil** for protection in harsh environments, thus ensuring **IP68 protection**. The resistive display allows a flawless operation by finger, pen and even with gloves, even if an additional front foil is used.

The controller can be combined with **any analog and digital peripherals**.

Operation

After the UV system has been switched on for the first time, **an automatic query of the connected digital electronic ballasts** and a parameterization of all connected components takes place.

For each UV system, the desired operating parameters and **individual alarm thresholds** can be set.

Thus, an optimal system operation is always guaranteed. In operating mode, changing the parameters per **password** will be blocked.

Alarm messages are visually displayed.

In addition, alarms via the **configurable relay outputs** can also be sent to superior control systems or acoustic signal transmitters to get redirected.

Technical Data

Display (3,2", 5")	7 inch (standard size) 90 x 160 mm 480 x 800 Pixels
Weight	500 g (including I/O board)
Power supply	24 V DC
Basic configuration	Display size I/O board with • 5x Relais output (changer) • 1x Input potential-free • 1x RS485
Modules (6 slots)	2x digital RS485 4x analog • 4-20mA transmit • 4-20 mA receive • voltage input • PT100 • Pulse/PWM • Data logger
Installation options	in cabinet door or in separate housing
Scope of functions	• UV intensity measurement • Flow control monitoring • Temperature control • Control of electronic ballasts • Setting of alarm thresholds
Temperature range	0-40°C operation
Protection class	IP68* when installed

*only with splash-proof foil

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