

Watchkeeper

Wall-mounted display and logging unit

Wall-mounted data display and logging unit for UniLux, TriLux and UViLux fluorimeters



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Set-up long-term monitoring stations for your Chelsea fluorometers with the Watchkeeper wall-mounted unit.

Watchkeeper is a compact wall-mounted display unit that provides real-time data display, power and logging for UniLux, TriLux and UViLux fluorometers.

The colour touchscreen shows real-time data for up to three parameters. You can set red, amber and green alarm thresholds, with on-board relays for connection to audible alarms or control valves.

Data is logged at rates that you set on a 2GB removeable SD card which can also be accessed via USB cable. Three 4-20 mA outputs enable transmission to a user database or control system.



Features

- **Compact wall-mounted unit**
- **Real-time data display, power and logging for UniLux, TriLux and UViLux fluorometers**
- **Backlit colour touchscreen display**
- **Up to three 4-20 mA outputs**
- **User-configurable alarms**
- **2GB data storage**
- **Adjustable logging rates**
- **Data averaging and acquisition intervals are user configurable**

Specifications

Display	320 x 240 pixel qVGA backlit LCD
Display size	70 x 50 mm
Size	200 x 110 x 60 mm
Weight	900 g
Memory capacity	2 GB
Logging Rate	User configurable
IP rating	IP67
Voltage input	24 Vdc
Power (excluding sensor)	1 W @ 24 Vdc
Operating temperature	-20 °C to 55 °C

The Watchkeeper delivery pack includes a Watchkeeper unit, power cable with mains adapter (24 Vdc), fitting instructions and operating manual.

*In view of our continual improvements, the designs and specifications of our products may vary from those described.



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