

# T1200L-400

Intuitive Operation



- Remote Service
- Data Logger
- Trend Diagrams
- Battery buffered
- Metering System
- Extensibility



# UV- Disinfection T1200L-400 / Touchcontrol 2.0 VD 1200

This UV-system is designed to give reliable **UV disinfection** together with a **solid metering and data logging system**, as well as remote maintenance and many little functions for small to medium water plants. Type approval after ÖNORM M5873-1 and DVGW W270.

**ÖVGW-Certificate W1.524, DVGW-Certificate DW-9181CO0334, Norwegian NFHI, ISO 9001**

## Technical data:

Model	T1200L-400
UV lamp count	3
Flow at 97,8% T10	140,91 m <sup>3</sup> /h
Steel quality UV chamber	1.4301
Operation pressure max.	16 bar
UV Chamber diameter	273 mm
UV Chamber width	465 mm
UV Chamber height	1745 mm
Height for Lamp change	3320 mm
Chamber volume	84 Liter
Empty weight	96 kg
Flange connections	FL DN150
Water temperature	+1 bis +45 °C
Ambient temperature	+5 bis +40 °C

Controller	T 2.0 VD 1200
Power supply	230 V / 50 Hz
Power consumption	1290 W
Supply breaker	16 A
Internal breaker	6/13 A
Protection class	IP54
Dimensions	600 x 800 x 250 mm
Material Cabinet	Steel powdercoated
Weight Cabinet	28 kg

Lamp type	ST400
Guaranteed lamp lifetime	9000 h
Lamp power	400 W
UVC-output	140 W



## System contains:

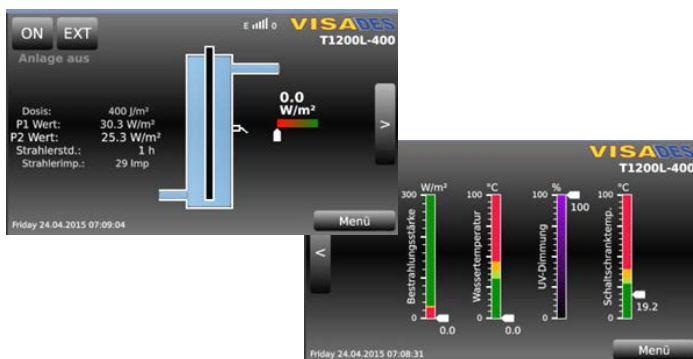
- ✓ Stainless steel UV chamber 1.4301
- ✓ High-grade Quartz glass sleeves
- ✓ High-grade UVC low pressure lamps
- ✓ UVC-Sensor selective according to ÖNORM M5873-1
- ✓ High-end electronic ballasts
- ✓ Cabinet: powder coated steel, IP 54
- ✓ 4,3" Color-Touchdisplay, capacitive
- ✓ MicroSD, USB and RS485 ports
- ✓ Connections for sampling valves on the UV-Chamber
- ✓ Connections for Deaeration and draining

## Controller Functions:

- ✓ All ÖNORM 5873-1 functions
- ✓ Diverse Counters
- ✓ Many signals on clamps
- ✓ Temperature monitoring for UV-Chamber, Ballasts and Controller
- ✓ Adjustable In- and Outputs (0-10V, 4-20mA, 0-20mA...)
- ✓ Detailed Lamp status
- ✓ Adjustable Logging, up to 1 year
- ✓ Trend – Diagrams on screen
- ✓ Help texts at Alerts
- ✓ Battery buffered Controller
- ✓ Adjustable System Overview

## Optional:

- SMS Module
- Modem for Data connection
- ModBus TCP/RTU, Profibus DP
- **FlexFlow:** Autom. Flow regulation
- **Flex Ray:** Autom. Lamp dimming
- **Vario-Operation:** Flow regulation and Lamp dimming combined
- Fill-level monitoring and
- Remote Maintenance, Remote access for Smartphone or Tablet
- Metering and logging for different Probes and Sensors



Further information on [www.visades.com](http://www.visades.com)

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