

## Product information Water Sampling Station EASYPOOL SMART 02

### Water is your element – very private

Apart from the filtering, the conditioning plays an important role when cleaning the bathing water in private swimming pools and whirlpools. The specific use of disinfectants in the water circulation guarantees a high and enjoyable water quality. The water measuring panel EASYPOOL SMART 02 is a reliable partner for the exact dosage of disinfectants – for your health.

### Small but nice

The EASYPOOL SMART 02 features compact and high quality construction. All equipment necessary for the measuring and control are installed on and directly in the panel respectively. Integrated in the water measuring panel is the two-channel regulator TOPAX DX SMART, which is a very easy to operate control. This regulator is missing only few functions compared to the multiple-channel regulator TOPAX DX. As well possible is the use of a flow electrolytic cell for chlorine production apart from the disinfection with chlorine bleach solution or active oxygen. The EASYPOOL SMART 02 is available in two variations: chlorine/pH- or redox/pH-measuring. An extensive accessories program completes the range.

### Functional and effective

Compared to the usual water measuring panels the aquifer system and the sensor entry are found within the panel and allow a most compact construction. The integrated sample collection stop cock allows a sensor calibration directly at the water measuring panel.

As sensors available are, apart from an amperometric chlorine measuring cell, a pH and redox electrode and optional a temperature sensor and conductivity probe. An electrical contact to the flow monitoring device is integrated and brings the dosing to an end when the water flow is to low.

Both peristaltic pumps integrated on the water measuring panel dose the chemicals for disinfection and a correction of the pH value of the water. The control of an additional pump for the dosage of flocculants is possible.

### In short

- For private swimming pools
- Simple operation
- Clear graphical color display
- Compact and high quality construction
- Measuring of free chlorine or redox
- pH value measuring
- Temperature and conductivity measuring (optional)
- Flow monitoring and adjustment valve
- Dosage through peristaltic pumps
- Sample collection stop cock for calibration
- Control of flocculants dosage
- 4...20 mA outlet
- Long-term data storage with graphical trend display
- Data export through memory card or computer interfaces (optional)



### Technical data

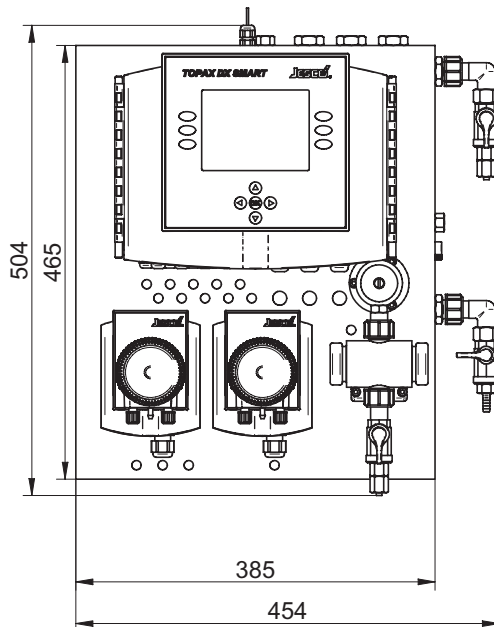
Measuring range free chlorine (optional)	up to 2 mg/l, pH balanced
Measuring range pH	pH 0...14
Measuring range redox (optional)	0...1000 mV
Dimensions (B x H x T)	454 x 504 x 167 mm
Temperature (optional)	5...40 °C
Sampling water requirement	approx. 45 l/hr
Water pressure	0.2...3.0 bar
Operating voltage	230 V, 50 Hz
Power input	max. 34 VA
Sample water line	PE tube 6/8 mm
Conductivity probe (optional)	0...20 mS/cm (0...1 % salt) 0...60 mS/cm (0...3 % salt)

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## Model variants

Product name	Description	Order no.
Water Sampling Station EASYPOOL SMART 02 RP	for measurement of redox-potential (ORP) and pH value	42401003
Water Sampling Station EASYPOOL SMART 02 RPT	for measurement of redox-potential, pH value and temperature	42401004
Water Sampling Station EASYPOOL SMART 02 CP	for measurement of free chlorine and pH value	42401002
Water Sampling Station EASYPOOL SMART 02 CPT	for measurement of free chlorine, pH value and temperature	42401005
Water Sampling Station EASYPOOL SMART 02 CPLT	for measurement of free chlorine, pH value, conductivity and temperature	42401001

## Dimensional figure



All measurements in mm

## Scope of Delivery

- Pre-assembled sampling station
- Mounting material for wall fastening
- Controller TOPAX DX SMART
- Sensors
- Peristaltic pump with suction line, pressure hose and injection nozzle
- Buffer solutions
- PE tube for sample water line

## Accessories

In addition to the water sampling station, the following accessories are available for operation:

Description	Order no.
PE tube 6/8 mm as sample water line	97175
pH single-rod measuring chain	41100004
Redox/ORP single-rod measuring chain	41100011
Connection cable for pH single-rod measuring chain	78148
Sample water strainer 300 µm with hose connections 6/8 mm and mounting bracket	38744