

titramax VT

Autosampler with sample tray for 12, 16, 24 or 42 sample positions

Product description

The number of samples to be processed is growing constantly while at the same time the demands on reliability are increasing in accordance with GLP and ISO 900X standards.

The autosampler helps you meet these increased requirements and relieve qualified employees from routine work.

Stirring from below is possible with the built-in magnetic stirrer or from above with an optional rod stirrer (Propeller stirrer).

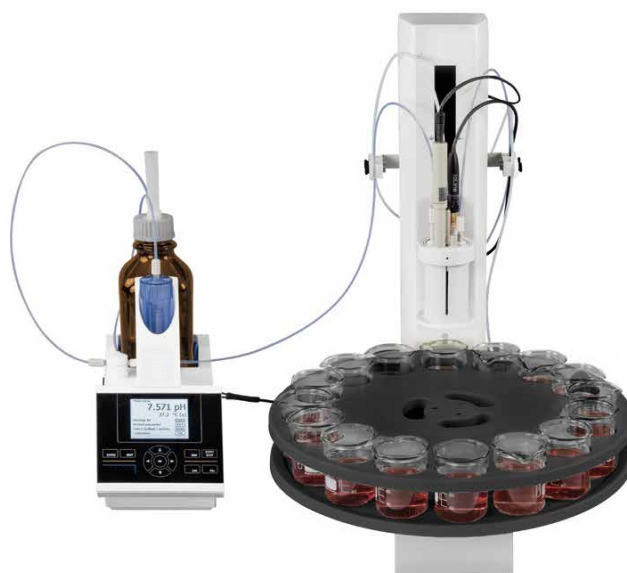
Sample trays with 12, 16, 24 or 42 positions and five different titration heads in different dimensions and holes can be used.

The sample tray with 16 positions is suitable for 150 mL beakers low form and 250 mL tall form. The 150 mL beakers are typical for water analysis with 100 mL sample volume.

The titration heads and sample trays are easy and quick to change.

The calibration of a pH electrode can also be done on the sample changer.

The control of the sample changer is carried out via the Titramax VT software.



Titramax VT with connected autosampler for 16 samples

Features

- Stirring from below with the built-in magnetic stirrer or from above with an optional rod stirrer (propeller stirrer)
- Sample trays with 12, 16, 24 or 42 positions and five different titration heads in different dimensions and holes available
- Titration heads and sample trays easy and quick to change
- The size of the sample tray is set via the PC software
- The usable sample vessels with a volume of 50 - 600 mL
- The sample tray with 16 positions for 150 mL beakers low form and 250 mL tall form
- For rinsing the electrodes and titration tips, a rinsing pump (only 12- and 16-position sample trays) and/or up to three rinsing positions available
- The calibration of a pH electrode possible



Titramax VT with connected autosampler for 42 samples

Scope of delivery

- Autosampler unit with integrated magnetic stirrer
- Mains cable and connection cable for titrator/rod stirrer, 230 V
- Sample tray for 16 samples incl. titration head
- 20 glass beakers 150 mL, low form

Technical specifications of autosampler

Interfaces:	2 x RS-232-C, 1 x I/O, 1 x pump, 1 x stirrer
Housing material:	Housing: Two-component-coated Aluminium, steel sheet, and epoxy resin Sample tray: Polypropylen (PP)
Dimensions:	Basic unit: 143 x 620 x 475 mm (W x H x D) Sample tray: 450 mm
Weight of autosampler:	9.8 kg
Sample tray weights:	Sample tray with 12 beaker glasses 250 mL: approx. 2.7 kg Sample tray with 16 beaker glasses 150 mL: approx. 2.6 kg Sample tray with 24 beaker glasses 50 mL: approx. 2.4 kg Sample tray with 24 reaction vessels: approx. 6.3 kg
Ambient conditions:	Ambient temperature: + 10 ... + 40 °C for operation and storage; Humidity according to EN 61010, Part 1: max. relative humidity 80 % for temperatures up to 31 °C, linear decrease down to 50 % relative humidity at a temperature of 40 °C
Power supply:	220 V, 30 VA

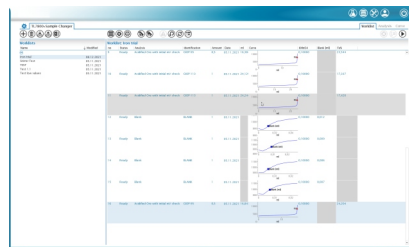
Titramax VT Software

You need a special software for the Titramax VT to operate the autosampler. The titration software is the optimum solution for your titration tasks. The software can be used with MS Windows and supports your daily work procedures during sample preparation, titration and evaluation of the results.

The software has been developed to be clear, logical and user-friendly.

Scope of delivery:

- Software on USB-stick
- RS232-connection cable
- USB-RS-converter
- USB cable



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