

FLASH

AUTOMATIC TITRATOR

Automatic
titration

The highest
performance
with the greatest
simplicity



FLASH AUTOMATIC TITRATOR



Features:

Flash Automatic Titrator has been designed to simply and precisely perform the widest range of potentiometric titrations.

Up to two automatic burettes for titrant delivery and three peristaltic pumps can be installed. Thanks **Flash** Automatic Titrator analyses are made easy and simple. Both a single analysis stand and 16, 20 or 35 positions autosamplers can be connected to **Flash**.

The instrument has been designed to optimize the sample auto-level analysis procedure speeding up the whole preparation.

The new optional degassing system ensures a complete automatic analysis procedure with no external sample pre-treatment needed.

Its new design features light weight and small footprint.
Dimensions: d_xl_xh 294 x 215 x 308mm

Compact

Flash is a compact-modular instrument and can be both upgraded and configured to satisfy the everchanging laboratory needs

Easy-to-use

The colored touchscreen display guides the user in each programming, analysis and data interpretation phase

On-line graphics

During the titration process, a graph giving the analysis trend is displayed in real time

Programs

Acid-Base Titrations, Redox, Argentometric, pH Calibration and reagent standardization

Peripheral units:

Automatic burettes:

- Up to 2 burettes can be installed:
- Burette equipped with 12.000 high definition stepper motor
- 10ml clear glass syringe and tip made of interchangeable PTFE
- Valve (titrant/cleaning reactant suction, titrant delivery, syringe) made of anti-corrosive material

Pumps

- Very often a titration process requires addition of auxiliary reagents (which are not included in the reaction stoichiometry) such as acid for acidifying, water for diluting, etc... With up to a maximum of 3 peristaltic pumps, operated together or separately, every phase of the titration process can be made totally automatic. The final result is obtained by simply inserting the sample and pressing a key.
- Features:
Delivery: 1ml/sec; internal tube: neoprene, External tube: PVC and PTFE.

Optional devices:

AS24 Autosampler

- 16-position autosampler (15 working and 1 fixed washing).
- Designed to optimize auto-level sample procedure, in order to speed up sample preparation
- Light weight and small footprint

AS24 Mini Autosampler

- Designed to work with standard electrodes
- Ideal for small volumes

AS24 Micro Autosampler

- 35-position autosampler (34 working and 1 fixed washing) for cylindrical plastic test tubes.
- Works with 5ml sample

Automatic degassing system

- Nitrogen valve for sample degassing

Printer

- Epson TN-T20II

Bluetooth

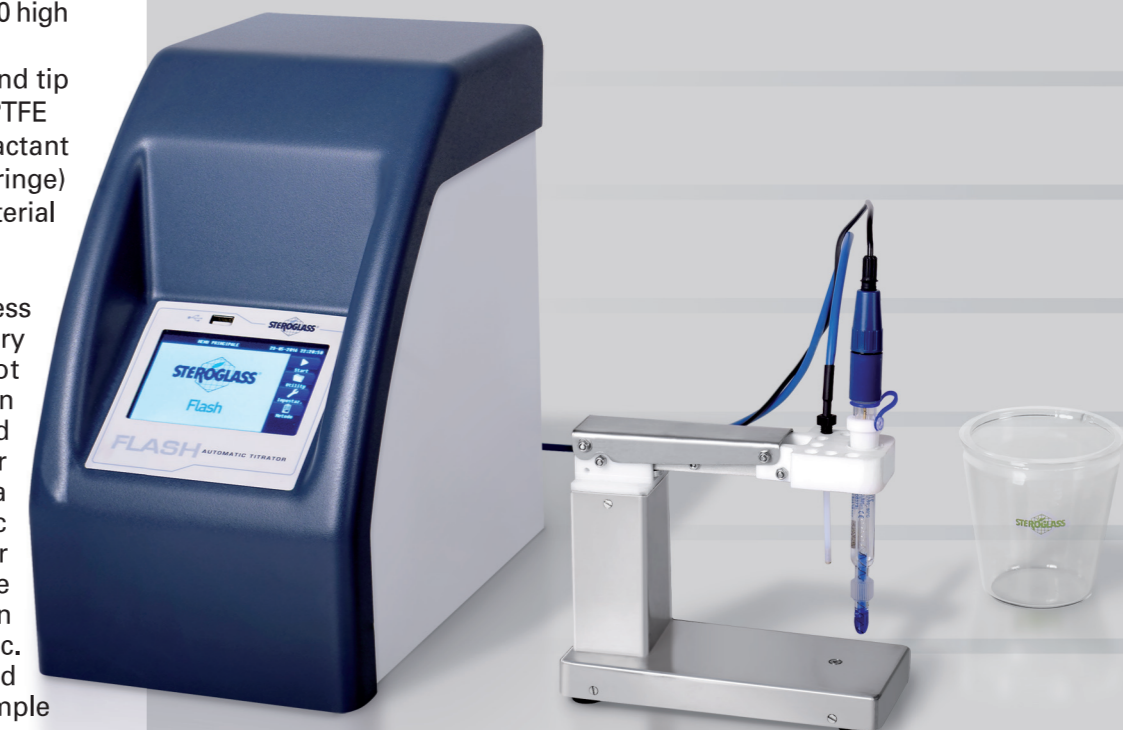
- For PC or printer connection

Software

- Data management software via external PC

Single analysis stand

- Ideal if autosampler is not required





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