

# FLASH

## AUTOMATIC TITRATOR

Automatic titration

The highest performance with the greatest simplicity



# FLASH AUTOMATIC TITRATOR



## Optiona

### AS24 Auto

- 16-position a
- Designed to c
- speed up sar
- Light weight :

### AS24 Mini

- Designed to v
- Ideal for sma

### AS24 Micr

- 35-position a
- Works with 5

## Automatic

- Nitrogen valv

## Printer

- Epson TN-T2

## Bluetooth

- For PC or prir

## Software

- Data manage

## Single ana

- Ideal if autos

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## Features:

## Peripheral units:

**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 x l x h 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

### 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.





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