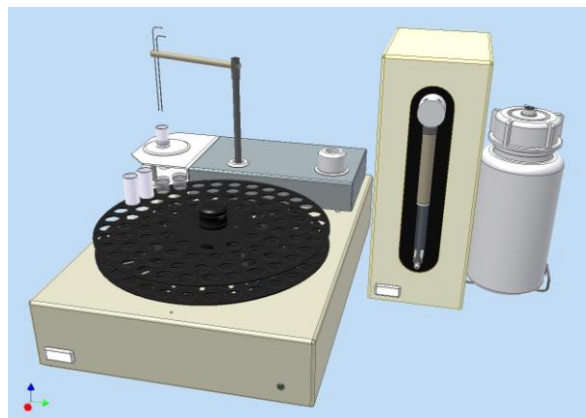




ATS LabAssistant™

The ATS LabAssistant Automatic Sample Preparation Station.

- Exchangeable piston type syringe
- Automatic sampling and dilution
- 80 vial positions
- Computer control via ATS MiniSoftWin™ software



◀ ATS LABASSISTANT™ ▶

The **ATS LabAssistant™** is a unique Sample Preparation Station that automates sample preparation for a variety of analysis methods. Time consuming manual routine for sample preparation is minimized or eliminated; instead the *ATS LabAssistant™* performs sample preparation unattended, whilst increasing work output as well as accuracy and dependability of analytical results.

The *ATS Autosamplers* and *Auto-microdilutors* are designed for the modern and demanding laboratory; they offer simple operation routines, increase analysis quality and productivity, lower the cost of analysis and enable laboratories to meet GLP protocols more easily.

The *ATS Autosamplers* have easily interchangeable sample trays. The standard tray has 80 vial positions but custom designed trays can also be supplied. A very special feature is their intelligent routine: all movements are either factory pre-programmed in a sequential mode for routine applications or, when a computer operated analyzer is used, a maximum flexibility is offered with the *ATS Autosampler Wizard* and/or *Easy Link* software packages which allow all steps to be user defined in a random access mode (option).

The *ATS Auto-microdilutor* is a *piston type syringe micro dilutor* for high precision volumetric liquid dispensing with an imprecision of better than 0.1% C.V. It operates under dedicated software control using a standard syringe of 5ml volume (syringes of other volumes can be supplied).

The automatic routines of the *ATS LabAssistant™* cover: collection of sample, collection of a diluent and/or I.S. solution, dispensing these with the diluent and mixing these in the sample vial, or, for continuous analysis, in a sample cup. After analysis automatic rinse and drain cycles assure the elimination of cross contamination. The set routine can be interrupted without interfering with it. The ATS software packages *ATS MiniSoftWin™* and *LabAssistant Wizard* allow for multi-task routines and a variety of data processing.

Special Features:

- Easily exchangeable trays. Requires less than 20 seconds for the exchange *permitting unlimited number of samples* to be prepared and analysed whilst offering maximum flexibility.
- Two complete automatic rinse/drain cycles after each analysis and before collecting next sample; eliminates cross-contamination.
- Auxiliary off tray positions; routine can be interrupted without interfering with the set routine.
- With the standard software the sequence of movements have been pre-programmed for ease of operation; optionally, special routines can be accommodated to meet specific requirements of a laboratory.

Fields of Application: GC, HPLC, AAS, Flame Photometry (HPFP)™, ICP, VIS, UV-VIS spectrophotometry, TOC and similar analyses.

Other Specifications:

ATS/57001 ATS Autosampler, science/industry model with 80 positions carousel, accepts 4 ml capacity vials with dispensing arm, auto rinse, intelligent micro syringe piston dilutor, analysis cup, with auto rinsing capability, external control standard position for an external vial, with ATS MiniSoftWin™ software. *For 220/240VAC, 50/60Hz.*

Dimensions and Weights

ATS LabAssistant™ : 340L X 250W X 200H mm; Net 9 kg

Due to our policy of continuous product development, we reserve the right to deviate from standard specifications and appearance without notice.

ATS/57001-0311

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