



HT1500L

NO FRILLS HPLC AUTOSAMPLER



Load your samples and press START button. The tray rotates and the arm with needle is aligned on top of the first sample vial to be processed.

The needle is inserted in the vial at the **programmable depth** where the sample is aspirated by the built-in pump in order to fill the loop. The injection valve is then commutated to the inject position and **the sample is delivered to the HPLC** system. Then, by using the on-board solvents, the needle and the whole flow-path are cleaned before processing the next sample.

KEY FEATURES:

- **Universal:** combines with any HPLC
- **Easy-To-Operate**
- **No Frills:** it delivers what you truly need
- **Removable racks** for continuous feeding

HT1500L—that uses standard consumables — offers the capability to automate up to 45 samples. **By supporting multiple racks — each of them removable — allows for continuous feeding and convenient operations.**



Combines with your existing HPLC!

EASY-TO-OPERATE

Keypad operations enables simple **automation of any existing HPLC** and makes the autosampler **easy to control by any chromatography software**.

HT1500L comes with HTA Autosampler Manager (Standard Version), our complimentary software control for autosampler programming. After setting your method once, **just need to load samples and press START**: experience a seamless integration.

NO FRILLS

Is your HPLC routine calling for automation? Look no further than the HT1500L; an autosampler designed for HPLC, fully equipped with powerful features you would naturally choose.

Unlike LC-MS, nanoLC and UHPLC systems (which require specifications fully soaked only be costly autosamplers) the HPLC requires few, essential features: **excellent analytical performance**, good sample capacity, and of course, uncompromised **reliability, robustness and durability**.

We have showered the HT1500L with **all essential features a cutting-edge HPLC system calls for**, while eliminating anything unnecessary to keep your costs as a minimum. No frills. No compromise.

NO COMPROMISE ON QUALITY

While we have struggled to achieve a **low price**, we haven't made any compromise on quality.

HT1500L has a **strong commitment to quality** that focuses on providing a real unattended experience: **HT1500L** will be your workhorse requiring very few or no attention from lab technicians. The materials have been picked up to provide longevity; the up-to-date technologies offer reliability that deserve a modern instrument while the design attests our care in details.

TECHNICAL SPECIFICATIONS

General features

Maintenance: Preventive counters available
Electrical control: USB and TTL

Sample capacity

HT1501L: 45 vials, 4ml (5 removable racks)
HT1502L: 25 vials, 40ml (5 removable racks)

Analytical performance

RSD: $\leq 0.25\%$
Linearity (r): ≥ 0.999
Carry over¹: $\leq 0.01\%$

Wash

Solvent capacity: 5 vials, 40ml (1 removable rack)
Mode: every injection/sample/step pre & post injection

Valve

Type: 6-2

Filling

Sampling depth: programmable
Filling speed: programmable
Viscosity delay: 0-25s

Injection

Injection mode: Full Loop
Supported loops: 20, 40, 50, 100, 200, 500ml
1, 5, 10, 20ml

Cycle time: $\leq 60\text{sec}$
Analysis time: 0-999min

Physical features

Dimensions (WxHxD)²: 355x380x520mm
Weight: 8kg
Power supply: 100-240 \pm 10%Vac; 50-60Hz; 60W

Free software "HTA Autosampler Manager (Standard Version)" is provided for PC control; upgrade to "HTA Autosampler Manager (CFR 21 Part 11 Version)" should be purchased separately. PC is required for setup, service, method and sequence editing.

¹Tested with Uracile 100ppm in mobile phase 60% methanol : 40% water; Column C18; detector: UV fixed length; loop: 20 μ l

²Without accounting the transfer line

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