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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 18593B

Queue model 18593B is a Agilent / Keysight / HP automatic injector catalog unit. HP / Agilent 18593 automatic injector family context is host-family documentation, not a substitute for this SKU drawing. Exact ratings are on the 18593B nameplate and drawing. Applications chromatography injection in HP/Agilent GC systems that specify 18593B in systems that specify 18593B. HP / Agilent 18593 automatic injector family Instrument Type: automatic injector catalog unit HP / Agilent 18593 automatic injector family Instrument Type: automatic injector catalog unit Literature: remaining-queue listing Agilent/Keysight 18593B Family: HP / Agilent 18593 automatic injector family



MODEL

**Agilent / Keysight
18593B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

18593B

LISTING

**[https://aumictechlabs.c
om/products/18593b-2/](https://aumictechlabs.com/products/18593b-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 18593B is an autoinjector module that automates sample injection into gas chromatographs and HPLC systems. The instrument removes precise sample volumes from vials and delivers them to the GC inlet or column, eliminating manual handling and improving analytical throughput. It combines mechanical precision with software control to streamline high-volume laboratory workflows while minimizing sample consumption. Technical Specifications Injection Volume Range: 0.1 μ L to 100 μ L Injection Reproducibility: <0.5% RSD at full injection volume Turret Configuration: Six-position standard turret with automated rotation Physical Dimensions: 16" $\times$ 12" $\times$ 8" (40.6 cm $\times$ 30.5 cm $\times$ 20.3 cm) Weight: 20 lbs (9.1 kg) Key Features Automated syringe-based

sample extraction and delivery Integrated syringe carriage with precision positioning Rotary turret mechanism for sequential sample and solvent bottle access Programmable injection sequences via software interface Cooling fan with user-selectable on/off control Last sample vial detection switch Parameter configuration switches for method flexibility Typical Applications High-throughput GC analysis requiring unattended operation Multi-sample batch processing with consistent injection parameters Applications demanding injection precision better than 0.5% RSD Analytical workflows requiring minimal sample waste Compatibility & Integration The 18593B integrates with Agilent 5890A, 5890 Series II, and 6890A gas chromatographs. It is also compatible with Agilent 1100 and 1200 series HPLC systems, providing cross-platform utility in analytical laboratories. Operation requires qualified personnel and adherence to standard electrical safety practices, including disconnection of power and test leads before maintenance.

18593B Characteristics / Specifications

PARAMETER	VALUE
Model	18593B
Instrument Type	automatic injector catalog unit
Manufacturer	Agilent / Keysight / HP
Literature	remaining-queue listing Agilent/Keysight 18593B
Family	HP / Agilent 18593 automatic injector family
Form Factor	as installed per drawing
System Role	chromatography injection in HP/Agilent GC systems that specify 18593B
Brand Lineage	Agilent / Keysight / HP
Queue Title	Agilent/Keysight 18593B
Documentation Type	OEM remaining-queue listing
Use Case	chromatography injection in HP/Agilent GC systems that specify 18593B
Vendor Path	Agilent / Keysight / HP
Year Class	18593B generation
Application Class	automatic injector catalog unit
Module Class	automatic injector catalog unit
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	18593B remaining-queue suffix
Function Class	function on the drawing

PARAMETER	VALUE
Injector Role	automatic injector catalog unit
Lineage	HP / Agilent / Keysight

18593B Specifications

PARAMETER	VALUE
Agilent/Keysight 18593B	Overview
Applications	chromatography injection in HP/Agilent GC systems that specify 18593B in systems that specify 18593B.
Key Features	Agilent / Keysight / HP 18593B
automatic injector catalog unit	HP / Agilent 18593 automatic injector family
Technical Specifications	Model: 18593B

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Injector Role	automatic injector catalog unit

PARAMETER

VALUE

Lineage

HP / Agilent / Keysight

Notes

From remaining-queue title (Agilent/Keysight 18593B) and HP 18593 automatic-injector family listings. Cycle and vial maps are on the 18593B drawing.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.