

Product Name :
Gas Chromatography

Product Code :
NUGBLY0126



Description :

Gas Chromatography

Technical Specification :

/mass spectrometry (GC-MS)

Gas Chromatography – Mass Spectrometry (GC-MS)

GAS CHROMATOGRAPH

- Ten-level, Nine-ramp temperature programming to 450°C (oven maximum software controlled).

- Five method setup, generation, storage, and copy.
- Up to two simultaneous analog outputs for integrator or recorder, .switchable to either detector.
- Digital electronic pressure readouts with capillary injectors.
- Control of up to six solenoids for split vents and sampling valves
- Up to 32-programmable timed events.
- External computer communications allows full instrument control plus .two simultaneous channels of raw data.
- Battery RAM storage of GC methods, instrument configuration, and. automation programs.
- Control of up to 12 PPC modules.

INTEGRAL LIQ AUTOSAMPLER

- one hundred and eight, 2-mL sample positions.
- Priority sample position.
- Four 4-mL wash vials, four 4-mL waste vials.
- Injection into Channel A or Channel B.
- Programmable vial sequence.
- Sample size (0-0.5 µL in 0.1 µL steps with a 0.5-µL syringe, 0-5 µL in 0.5 µL steps with a 5-µL syringe, and 0-50 µL in 5 µL steps with a 50-µL syringe).
- Three injection modes; one to fifteen injections per vial when controlled with the touch screen.

Autosampler Starter Kit includes vials

Includes:

5 mL x 0.63-mm o.d. syringe, 2 mL clear sample vials

(144), 2 mL amber sample vials (100), gray crimp caps with septa (100), blue crimp caps with septa (100), green crimp caps with septa (100), red crimp caps with septa (100), septa for waste/wash vials (100), crimper - 11 mm, decapper - 11 mm, 2 mL vial rack.

CH A(FRONT) PROG SPT/SPTLS(PSS)INJ W/PPC INTEGRAL LINK CLARUS 680 GC

CLARUS 680 MS READY

Mass Spectrometer Detector (EI/CI)

Includes:

Compatible with the GC, with Electron Impact (EI) and Chemical Impact (CI) ionization and 255 L/sec turbomolecular pump.

Sensitivity:

EI Full Scan 1 pg of octafluoronaphthalene 800:1 Positive CI Full Scan 100 pg of benzophenone 1200:1

Negative CI Full Scan 1 pg of octafluoronaphthalene 10,000:1 Hardware:

Ion Source PerkinElmer SMART source TM—Simplified Maintenance and Removal Technology (EI and CI compatible)

Filament Marathon TM—designed for long life Mass Range 1.0 – 1,200 u (amu)

Detector Clarifi™ detector—long-life high sensitivity electron multiplier detector Analyzer Quadrupole with pre-filter

Mass Stability ±—

0.1 m/z over 48 hours EI Voltage 10 – 100 eV Vacuum Pumps

T and C models: 255 L/sec (nitrogen) air-cooled turbomolecular pump (230 L/sec helium pumping capacity)

S model: 75 L/sec (nitrogen) air-cooled turbomolecular pump (59 L/sec helium pumping capacity)

Vacuum Gauge Single wide-range gauge (standard on all models)

Pump-down Time 255 L/sec turbomolecular pump: <3 minutes for air/water check, <90 minutes for quantitative stability

S/W TurboMass NIST 2014 v2.4

Includes the NIST 2011 CD, utilities CD, and the printed Install sheet 190,825 spectra of 163,198 compounds. Includes AMDIS Decon volution

software. Required for chemical structure display, select environmental reports

Columns:

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