



**TECHNICAL DATA SHEET
CONTINUOUS AUTOMATIC
GAS CHROMATOGRAPH
HIGH SPEED OPTION**

No. SPECS-GAS-023

Rev. 0

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TITLE: CONTINUOUS AUTOMATIC GAS CHROMATOGRAPH (HIGH SPEED)

DEPARTMENT: TECHNICAL SUPPORT

DESCRIPTION:

1. ILI Model 1002 Chromatograph
2. FID Hydrogen Flame Detector. Hydrogen used as carrier gas.
3. LED Display selectable for column temperature, run time, signal output, and auto recycle time
4. C1-nC5 elution within 47 seconds.
5. Syringe injection port for specific analysis
6. Sample dilution not necessary

SPECIFICATIONS:

POWER REQUIREMENT: 110 VAC, 10% Tolerance
Consumption: <200 VA

OPERATING RANGE: 0-5000 units or 0-100% or 0-1,000,000 ppm

TEMPERATURE RANGE: Oven Columns: 60 deg C, Operating: 0 deg – 35 deg

SENSITIVITY: 10 ppm

ACCURACY: 10 ppm – Calibration performed with C1 1000pm.

VOLTAGE OUTPUT: 0-10 volts; 0-1 volt.

INTERFACE: Hydrocarbon peak areas computed by HP 3396 Integrator Chromatograph capable of “remote starting” integrator Integrator to data acquisition (DLS) PC via RS-232.

APPROVAL:

Dept. Supervisor : VICTOR SAET Date: 22nd July 2002

Technical Committee : ALAN MORRISON Date: 22nd July 2002