

Product Name : Educational Lab Gas Chromatograph	Product Code : NLAB-EDUSCHOOLEQ340100
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Description :
Educational Lab Gas Chromatograph

Technical Specification :	
OVEN:	
Solvent Over Temp Range	
Column Temp Range	
Column Oven Size	

Ramp	Ramp with five isotherms hold	
Temperature Control	25 deg C to 400 deg C Min 0.1 Deg C Steps	
Cooling	Cooling system for fast cooling	

INJECTOR:

Injection System	Injection System Which Fits Into A Universal Base	
Base	Glass Vial	
Type	Vertical Port With Option Fused Silica Capillary Columns And Packed Column	
Electronic	Electronic P Pressure Controls	
Heated	Heated Injector Base	

Temp. Range 990oc In Step 1deg C Set By Thumbwheel Switches	
Np. Of Inlets (2 Standard)	
Types Split Less, Packed 1/8 & 1/2 (Packed Standard)	

DETECTOR:

Electron Ionization Detector With Control Module (Fid)	Excellent Sensitivity And Wide Linear Dynamic Range
Direct Jet And Minimizes Degradation And Absorption of Samples	
Sensitivity 2 x 10 ⁻¹² G/Sec	
Output Attenuation of x 1, x 2, x 4, x 8, x 16, x 32, x 64, x 128, x 256, x 512, 1024, 8	
Electron Differential Type Amplifier	

2x1012A Sensitivity 107	
Simultaneous Operation Facility of All Fid For Identical Sample	
230V, 50 Hz, 216VA	
Weight	
System (Separate Module For Microprocessor, Fid, Interface) For Ease of Serviceability	

HEAD SPACE:

Programmable	
12 Nos/Vials	

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