



TECHNOCRATIC SERVICES

ISO 9001:2015 Certified Company

Gas chromatography

Description	Images
<p>Gas chromatography (refurbished) Model: GC-17A</p> <p>The GC-17A ensures that all the operating parameters are set reproducibly, including carrier gas flow, split ratio, all heated zone temperatures, detector combustion and make-up gas flows, and detector output range and current. Analyses are achieved quickly and confidently with electronic flow control of all carrier gas and detector gas functions. Shimadzu's Advanced Flow Control (AFC) of the carrier gas is teamed with Advanced Pressure Control (APC) of the detector gases, providing the most accurate GC performance available.</p> <p>Simple Operation</p> <p>Up to ten GC parameter files can be entered, and the GC can be directly controlled, with the intuitive keypad. Parameter data is carefully protected by a password system which limits access to critical settings. Set parameters automatically with the GC clock scheduler, so you can conserve gas at night and have the instrument ready to use in the morning. This premium GC combines the control and data protection required for ultimate confidence in rapidly obtained results, and is a cost effective solution for laboratories.</p> <p>Detectors available:</p> <ul style="list-style-type: none">• FID (Flame Ionization Detector) <p>Column Oven</p> <ul style="list-style-type: none">• Temperature Range: Ambient +4° C to 450° C (1° C increment)• overheat protection: Yes• Number of temperature ramps: 5 (cooling ramp possible)• Temperature program rate: ~ 100° C/min in 1° C increments• Maximum run time: 655 min <p>Injection Port</p> <ul style="list-style-type: none">• Number of individually controlled zones: 1• Temperature range: ~ 450° C (1° C increments)• Temperature Program: Both heating and cooling step program• Single overheat protection: Yes <p>Auxiliary Heated Zones</p> <p>One additional temperature-controlled heated zone (AUX1) standard</p> <p>Display</p> <p>Two lines on backlit LCD display: Shows temperatures, times, pressure and other parameters.</p> <hr/> <p>Flame Ionization Detector Specifications</p> <ul style="list-style-type: none">• Type: Semi-cylindrical electrode, quartz jet• Detection limit: 3×10^{-12} g/s for diphenyl• Dynamic range: 10^7• Electrometer noise: Less than 1.5% at max. sensitivity• Electrometer drift: Less than 3% at max. sensitivity• Operational temperature range: ~ 450° C in 1° C increments, <p>Computer and printer will be provided by the customer</p> <p>Make: Shimadzu, Japan</p>	<p style="text-align: center;">Images</p> 