

Revised Specifications for Supply and Installation of Gas Chromatography Mass Spectrometer System

Earlier Specification	Revised may be read as
<p><u>In the heading Auto Injector</u></p> <ul style="list-style-type: none"> Vial Capacity : 2 mL 	<ul style="list-style-type: none"> The vial capacity is amended to 1.5 – 2 mL
<p><u>In the heading MS Detector: EI (Electron Ionization)</u></p> <ul style="list-style-type: none"> Sensitivity EI scan (performance : 1 µL of 1 pg/µL OFN to produce minimum S/N for m/z 272 when scanning 50 – 300 u : 2,000:1 or better 	<ul style="list-style-type: none"> This line may be read as “Sensitivity EI scan (performance : 1 µL of 1 pg/µL OFN to produce minimum S/N for m/z 272: 2,000:1 or better”
<ul style="list-style-type: none"> Emission current : 5 - 300µA or better 	<ul style="list-style-type: none"> This may be read as “Emission current : 5 - 250µA or better or suitable technology”
<ul style="list-style-type: none"> Mass Range : 1.5 to 1000 m/z or higher 	<ul style="list-style-type: none"> This may be read as “Mass Range : 1.5/2 to 1000 m/z or higher”
<ul style="list-style-type: none"> Ability to acquire more than 97 scans/s in FS when scanning over a range of 125 u or better 	<ul style="list-style-type: none"> This line is deleted
<ul style="list-style-type: none"> Pumping System: Turbo molecular pump with total capacity of 270 L/sec or higher 	<ul style="list-style-type: none"> This may be read as “Pumping System: Turbo molecular pump with total capacity of 250 L/sec or higher”
<ul style="list-style-type: none"> The system should have vacuum – Lock isolation to isolate the vacuum region of the mass spectrometer from the column to enable to change GC columns quickly, with no venting required. 	<ul style="list-style-type: none"> This may be read as “The system should have vacuum – Lock or suitable technology for isolate the vacuum region of the mass spectrometer from the column to enable to change GC columns quickly, with no venting required.”
<p><u>In the heading Installation Accessories</u></p> <ul style="list-style-type: none"> Nitrogen Cylinder with regulator and traps – 1 No. 	<ul style="list-style-type: none"> This may be read as “Nitrogen gas (purity 99.99%) Cylinder with regulator and traps – 1 No.”
<p>In addition to above, the followings are added in the heading <u>Installation Accessories</u>:</p> <ul style="list-style-type: none"> Gas panel for Helium (He) should include Molecular Sieve, Moisture & Oxygen traps with necessary tubing’s, Nuts & Ferrules. Zero air (purity 99.99%) Cylinder with regulator and traps – 1 No. 	
<p>All other specifications, terms and conditions will remain same.</p>	