

2.2 Unpacking the Auto Sampler

Carefully unpack and inspect the Auto Sampler. Inspect the instrument for possible shipping damage. If damage is discovered, immediately notify the shipping carrier and then EST Analytical. Do not return the instrument without first notifying EST Analytical and obtaining a Return Goods (RG) authorization number. If possible, please store the shipping cartons and all packing material for possible future use.

2.3 Parts and Materials

The following parts list is included in the accessory kit.

- Sample Tray
- Power Cord w/ Power supply
- Sample Syringe
- Optional Mount Bracket (This must be purchased separately)
- I/O Cable (comes with bracket)
- 4 Solvent / Waste Vials (10 ml)
- 4 Solvent / Waste Caps with Septa
- 4 extra Waste/Solvent Septa
- Operators Manual

2.4 Power Requirements



The Auto Sampler is an all electric system with only a maximum of 24 VDC present in the cabinet . No gases or other energy sources are required. The power requirement for the system is an input to the power supply of 100-224 volts and a line frequency of 50 to 60 Hz.. Make certain the electrical voltage is a constant source with no severe drops or spikes in the voltage. If the power source is not certain, install a power conditioner on the electrical line.

2.5 Interfacing to an Analyzer



To properly interface the Auto Sampler to the GC, the GC ready (or Analyzer Ready) signal and the remote start signal must be located on the GC and or Data Collection Device. Each GC is different and it may be necessary to refer to the instrument's manual, or contact a representative for the correct location of the ready and start signals. Connection points on gas chromatographs are unique to each system, therefore, a specially wired cable is required. To insure correct operation of the system follow the wiring schematic supplied with each cable. If a problem exists please consult the factory.

The Auto Sampler may also be operated in the Local mode if a GC ready signal is not available. The Local mode allows the Auto Sampler to inject a sample based on a cycle time setting without receiving a ready signal . See Method Parameters Section for more details.

The connections will be from the Auto Sampler's Remote I/O connector (25 Pin D), located on the rear of Cobra L/S, to the chromatograph's I/O "D" connector or appropriate terminal block connector(s).