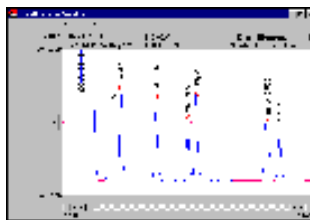


# Model 302 Six Channel ( USB ) Chromatography Data System

The Model 302 data system connects to the computer's USB port instead of the serial port.



Includes PeakSimple for Windows software

Each 302 system can collect six channels of data on four separate timebases.

The 302 data system also includes 8 mechanical relay contact closure outputs and three ( 0-5 volt analog ) programmable outputs.



The Model 302 Chromatography Data System consists of PeakSimple for Windows software plus a six channel 24 bit high resolution A/D board. The 302 system can be mounted inside the Model 8610C or 310 GC, or Model 210 Gradient HPLC pump, or it can be mounted in a sturdy stand-alone aluminum box ( shown above ) for connection to other vendor's GC or HPLC detectors. When mounted in an SRI GC, the 302 controls the temperature program of the column oven and the pressure program of the carrier gas electronic pressure controller ( EPC ). When mounted in the Model 210 HPLC pump, the 302 controls the pump speed, gradient profile, and displays the column pressure. The eight available TTL outputs are connected internally within the GC/HPLC to control functions such as valve rotation, gas solenoid actuation, auto-sampler injection, etc. When mounted in a stand-alone box, the temperature, pressure and gradient control outputs are available for customer use. The eight TTL outputs are wired to a bank of eight single-pole, dual-throw mechanical relays with screw terminals for easy connection to any user device which operates from a contact closure. Four remote start inputs allow run initiation from the user's GC or HPLC system. The six channels of data can be randomly assigned to one of four time bases which allows independent start and stop times for four entirely separate instruments. Data can be acquired at rates up to 50 Hz with four channels active, 20 Hz with all six channels activated and acquiring data. Windows computers with USB ports can operate as many as four 302 systems for a total of 24 data channels and sixteen time-bases from a single PC platform.

8600-6055 Model 302 Chromatography Data System with  
PeakSimple for Windows software  
mounted in a sturdy low-profile chassis ( 120VAC )

Aud4,790.00

8600-6255 Model 302 system 220 VAC ( same as above )

Aud4,790.00

*Note: Only computers manufactured after 2000 are likely to have compliant USB hardware. Only Windows 98 (2nd edition ), ME, 2000, XP operating systems support USB.*