



instruments up to 100 ft away for convenience in applications that require remote acquisition, or are conducted in a hooded environment.

The SS420x can also be applied in EZChrom *Elite* client/server networks or the Agilent OL Operating System for the Laboratory using the Agilent Instrument Controller (RS232 type). In a client/server or Agilent OL environment, the SS420x is network accessible and can be addressed from remote PC clients. Some A/D devices that require network connection can severely tax the enterprise. The SS420x, however, is a low bandwidth device that reduces network load.

### Intelligence and Redundancy

Each SS420x has its own power supply and buffer. In the event of PC power loss, acquisition for the current run will continue. The unit retains an hour of data for each channel, depending on acquisition rate. A built-in CPU manages data flow from the SS420x ensuring reliable transmission to the computer.

### System Status is Easy to Observe

LED status indicators, which provide start-up, data acquisition, reprogramming and error status are positioned to allow quick observation of system activity. You won't need to hover near a client PC to confirm the status of the SS420x interface.

### On-Site Validation of the SS420x with the SS120c

Once deployed, the SS420x can provide continuous analog to digital conversion for a variety of analog signal generating instruments. Regulated laboratories require a simple high performance means to test and validate these devices to ensure that they are working correctly. Agilent Technologies provides the SS120c Chromatography Generator Kit to allow any laboratory the means to validate and test their SS420x converters. The SS120c provides pre-programmed analog voltage patterns that can be incorporated into an end user testing program to verify that each SS420x is correctly providing analog to digital conversion within manufacturer's specifications.

### Export Information

- ECCN: 3A999.f
- CCATS: none
- HTS: 9027.20.9000

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