

The Syntech Spectras stream selector

With our stream selector it is possible to measure up to 15 different streams with one GC. The streams are measured as programmed.

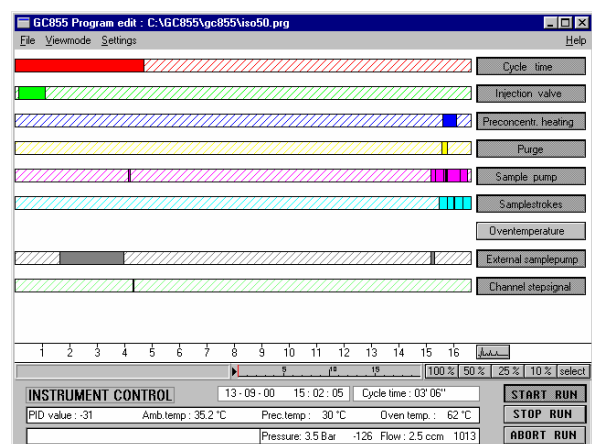
The GC software controls the stream selector. This software makes it possible to program the time sequence in which the channels are to be measured. A sequence of 20 steps (for 15 channels) makes it possible to measure some channels more often than others.

The stream selector is normally mounted on top of the GC (see picture). The provided RS232 (null modem) cable is attached, and the sample line from the GC is attached to the Sample-out connector of the stream selector.



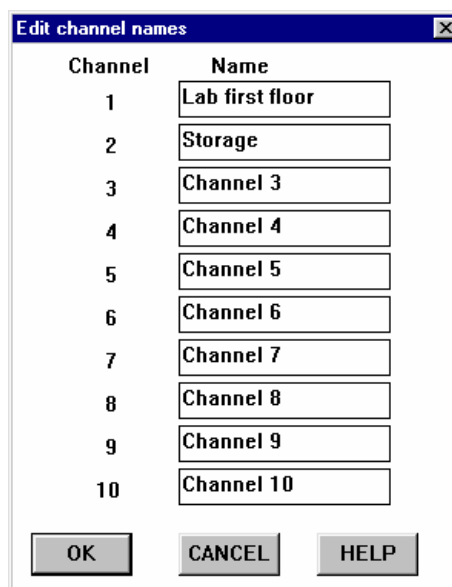
Set-up of a complete installation with stream selector

An internal sample pump (5l/min) is switched by the digital-output and programmed by the GC software.



program edit menu

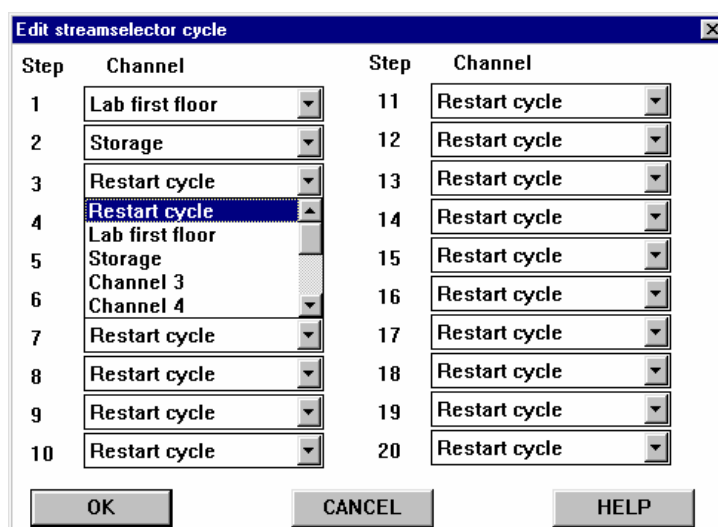
In order to program the sequence of the stream selector the channels can be named after the location they are connected to i.e. "Storage" or "Lab first floor"



channel names edit

With a menu-item Stream select it is possible to program a 20-step duty cycle for the stream selector.

The GC starts measuring with the first step and continues until an entry Restart cycle occurs or until step 20 is reached. Then the cycle starts again at step 1.



Edit stream selector duty cycle program

In an ASCII- file for each line the channel will be inserted. To save the channel data in separate files. Simple operation, good reliability and low maintenance cost are important to us.