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Configuring A GPIB (HPIB) GC Instrument Module Using The ChemStation Configuration Editor Windows® 95 / Windows NT 4.0®

Before an ONLINE instrument session can be utilized, the instrument module(s) must be configured for the ChemStation software via the Configuration Editor application. The following is a procedure for performing this process:

I. Start The HP Configuration Editor Application

1. Select the **Start** button on the Windows Task Bar
2. From the **Start** menu select **Programs**
3. From the **Programs** menu select **HP ChemStations**
4. From the **HP ChemStations** menu select **HP Configuration Editor**

II. Configure the Overall Instrument Type

1. Select the Instrument # (1,2,3,4) panel in the middle of the Configuration Editor panel
2. Pull down the **Configure** menu and select **Instruments**

*Note: If the instrument session is already configured and only module addition is required, skip this step (II) by immediately selecting the **OK** button on this panel*

3. From the instrument type list, select the instrument type you wish to configure

A. 5890 GC
B. 6890 GC
C. 35900 A/D

35900C – External A/D
35900E – External A/D
35900D – Internal A/D Card

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4. Enter an instrument name into the **Instrument Name** field
5. Select the **OK** button

III. Adding / Configuring Modules On The GC System

1. 5890 GC System

   A. Enter the GPIB (HPIB) address for the 5890 mainframe into the **Instrument HPIB** address field (factory default GPIB (HPIB) address is 15)
   B. Select additional module from the **Options** list, enter the GPIB (HPIB) address for the module being added, and select the **Add** button (see Appendix for module GPIB (HPIB) address listing)
   C. Repeat step "B" above for additional modules
   D. Select the **OK** button

2. 6890 GC System

   A. Enter the GPIB (HPIB) address for the 6890 mainframe into the **Link Options HPIB** address field (factory default GPIB (HPIB) address is 0)
   B. Select additional module from the **Options** list, enter the GPIB (HPIB) address for the module being added, and select the **Add** button (see Appendix for module GPIB (HPIB) address listing)
   C. Repeat step "B" above for additional modules
   D. Select the **OK** button

3. 35900 A/D

   A. 35900C / 35900E

      1) Enter the GPIB (HPIB) address for the 35900 into the **Interface** address field (factory default GPIB (HPIB) address is 13)
      2) Select acquisition channels **A and/or B** (must select at least 1)
      3) Select the **OK** button

   B. 35900D

      1. Enter the Select Code for the 35900 into the **Interface** address field (factory default Select Code is 6)
      2) Select acquisition channels **A and/or B** (must select at least 1)
      3) Select the **OK** button

IV. Repeat Steps II and III Above For Additional Instrument

V. Save The Configuration And Exit The Application

1. Pull down the **File** menu and select **File**
2. Pull down the **File** menu and select **Exit**

<u>Appendix</u>

GC Module / Default (Factory) GPIB (HPIB) Address Listing

<u>5890 GC</u>

5890 GC Instrument (Mainframe)	15
Autosampler	8

<u>6890 GC</u>

6890 GC Instrument (Mainframe)	0

<u>35900 A/D</u>

35900C		13
35900E		13
35900D	Select Code	6