VARIAN

SERVICE How To

Model Number:	Originator:	Topic
500 CVM (Column Valve Module)	**Des Wichems**	**Configuring a Valve in the 500 CVM**

<u>*Configuring a Valve in the 500 CVM*</u>

<u>*Procedure:*</u>

1. Power up the CVM and wait for the beeps to finish (beeps are the self test)
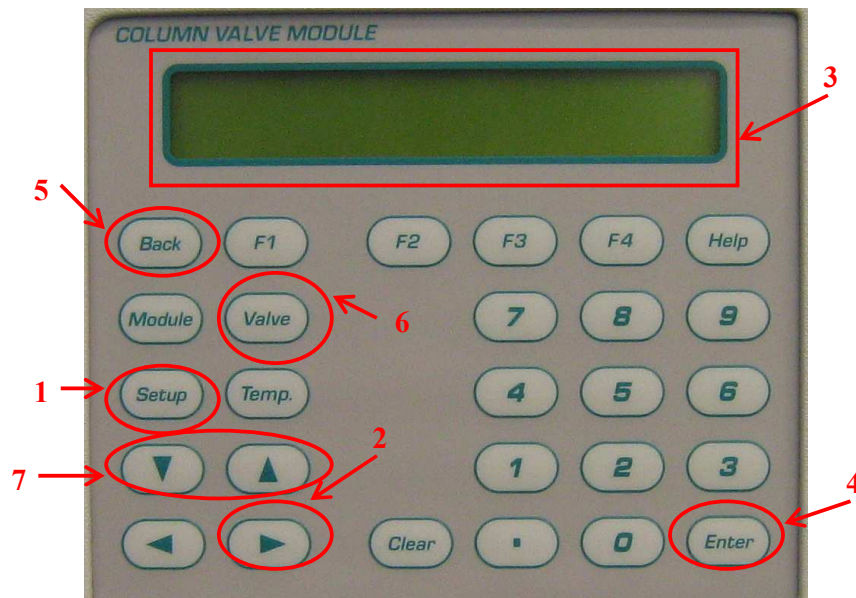

Figure 1: Front Panel of the 500 CVM

All buttons referred to in the following procedure relate to the buttons shown on the front Panel of the 500 CVM (Shown in Figure 1 above)

2. Press the *Setup* button (**1**) and scroll to the *Right* (**2**) until you see the valve menu in the display screen (**3**). At this point select the *Enter* button (**4**).

3. Setup the following parameters in the menu:
   - VLV - insert the number corresponding to the position that the valve is plugged into on the board.
   - Model - using the table below (Figure 3) select the configuration number matching the valve type shown on your valve.

Config # to use	Old Rheodyne number	New Rheodyne number
1x106	RV100-106	RV310-107
5x100	RV500-100	RV500-106
5x100	RV550-100	RV550-106
5x104	RV500-104	RV500-105
5x104	RV550-104	RV550-105
7x100	RV700-100	RV700-133
7x100	RV750-100	RV750-133
7x107	RV700-107	RV700-132
7x107	RV750-107	RV750-132
7x112	RV700-112	RV700-131
7x112	RV750-112	RV750-131
7x116	RV700-116	RV700-134
7x116	RV750-116	RV750-134

Figure 2: Table of Configurations

4. Select *Enter* button (**4**) and then select the *Back* button (**5**) twice to bring you back to the start menu.

To Test the Configuration:

1. Select the *Valve* button (**6**) and enter the valve position of interest (you will need to select a number corresponding to the position of the valve on the board).

2. Scroll to the *Right* (**2**) until you see *POS* in the display screen (**3**), and then use the *Up* and *Down* keys (**7**) to change the valve position.