



Please note: One terminal may be misleading:

The "Command" terminal may be incorrectly marked.
If it is "0V" then it should be marked "Com" for the ST22 Head connections.

Section from Manual:

2.3 Connections

The sublimation pump should be connected to the SPCS using cables of the appropriate rating. VACGEN supply standard interconnecting cables (See "Accessories on page 11). Cables of at least 10mm²

cross-section is recommended for connection to sublimation pump filaments and the common connection, subject to any local regulations. The cross-sectional area of the cable should be increased if cable lengths in excess of 10m are required. Connections for the pump leads are located on the terminal block inside the unit. The cables should pass through the access hole provided on the rear of the unit.

The four filament connections are labelled F1 – F4, (Only 1 to 3 used with our ST22's) **and the filament common connection is labelled COM.** The mains plug must be removed from the supply when working inside the unit.

If possible the mains supply should be interlocked to the vacuum chamber pressure to prevent the pump operating when the vacuum chamber is at atmosphere or poor vacuum.

A separate Earth connection must be made between the SPC8 rear panel Earth stud and the vacuum system 'star point' Earth. The power requirement for the unit is detailed in Specifications on page 2.

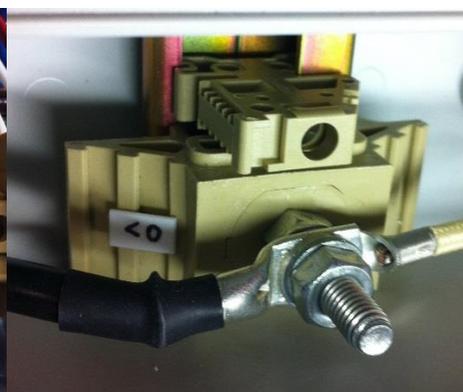
Your SPC8 will have been supplied set to the mains input voltage requested at the time of ordering.

If this is incorrect, contact VACGEN either directly or via an approved VACGEN agent.

Do not attempt to alter the mains input voltage configuration.



Forth wire not used on VACGEN's ST22 Head



"COM" Post