

Technical specification of full range active pirani and cold cathode vacuum gauge with control unit

1. Gauge head

Gauge type : Pirani and cold cathode in a single case

Mounting flange : 35CF

Flange material : SS

Vacuum range : 1000 to 10^{-9} mbar

Pressure max : 10 bar

Bakability : ~150 degree centigrade

Helium leak rate : $< 1 \times 10^{-9}$ std.cc/sec

Quantity : 2 numbers

2. Gauge head

Gauge type : Pirani and cold cathode in a single case

Mounting flange : 25KF

Flange material : SS

Vacuum range : 1000 to 10^{-9} mbar

Pressure max : 10 bar

Bakability : ~150 degree centigrade

Helium leak rate : $< 1 \times 10^{-9}$ std.cc/sec

Quantity : 2 numbers

3. Gauge Control unit

Suitable for above Gauge Heads (for serial no 1 and 2)

No of sensor connection : one

Display : Digital display

Out put : Analog output

PC interface : RS232 , USB, Ethernet

No of set points: Two

Protection against dust and moisture

Electrical ratings : 230+/- 10% VAC, 50 Hz, Single phase

Quantity : 2 numbers

3. Necessary cable for gauge head to control unit

Cable length : 3mtrs

Quantity : 2 numbers

4. Repair Kit for above gauge head

Complete repair kit should contain following parts

Pirani measurement element , cpl. Support ring, O ring Viton , ignition aid, anode, complete

Quantity : 10 sets