

**CVC Penning Discharge Gauge
(Type GPH-001A)
With
Terranova 751A Control/Display Unit**

If you have CVC Penning Discharge Gauge, Type GPH-001A (or earlier GPH-001), and you need a control/display unit, or if you need a control display unit with set points and computer communications, Duniway Stockroom has a reasonably priced and up-to-date solution.

The Terranova 751A is designed for operating ion pumps, but its versatility makes it an excellent match for many discharge gauges, also. By choosing an operating voltage and pump size, the operating conditions and pressure display can be accurately reproduced.

For the CVC GPH-001A Penning Discharge Gauges, the 751A operating voltage can be set to +3,500 volts, the maximum current to 3 mA and the pump size can be set to 0.7 l/s (this setting tells the control unit to calculate the pressure from the gauge current with a constant of 6 amps per torr, just like the original CVC control units.)



CVC GPH-001A Discharge Tube*



HV Cable



Terranova 751A Control/Display

The price for the Terranova 751A: **TERRA-751A** \$2,000.00
The 10 foot cable part number/price is: **05-410-10** \$ 140.00
We also have some surplus/rebuilt GPH-001A tubes, price: \$ 250.00
(subject to available stock on hand)

(*The earlier CVC Model Number GPH-001 Discharge Tube has a 'spark-plug' type high voltage connector instead of the BNC type connector shown in the photo above. Duniway Stockroom can provide cables for this model also.)

More details about the Terranova 751A (Description, Data Sheet, Operator Manual) are available on our Web-site: www.duniway.com

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