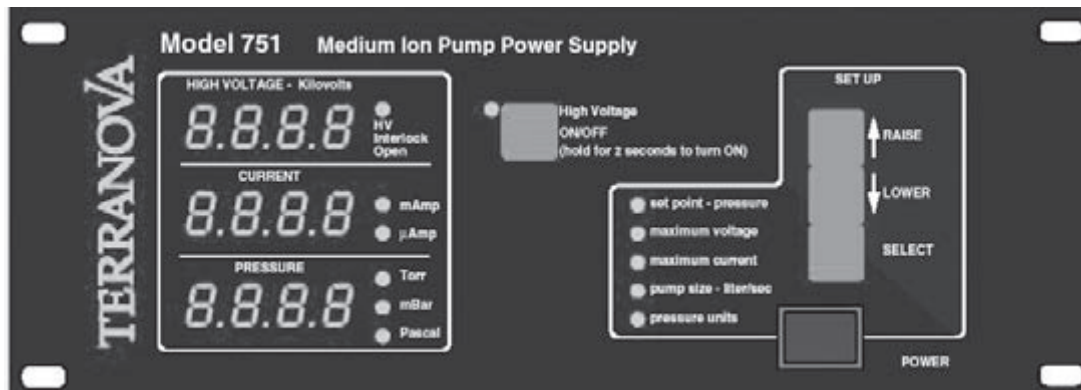


VACUUM TECHNOLOGY **Hositrad**

NEW Ion Pump Controllers **Terranova® 751A Ion Pump Controller**

The Terranova 751A Ion Pump Controller Unit is designed to supply operating power to sputter-ion pumps while displaying the voltage, current and pressure. These units are programmable and microprocessor controlled, giving them great versatility in operation, display, control and data communications.



FEATURES:

- Programmable High Voltage Output from 3.5 KV to 7.5 KV
- Up to 50 Watts Power for High Pressure Operation
- Plus or Minus High Voltage Polarity User Selectable
- Programmable Current Limit
- Programmable Pump Size for Pressure Display
- Choice of Pressure Units; torr, mbar, pascal
- Programmable Process Control Set Point Relay
- Automatic Cool-Down, Shut-Down mode
- Display for Voltage, Pump Current and Pressure
- Serial I/O for Data Collection: RS-232, 422 and 485
- Analog Outputs for Monitoring Voltage and Current
- Ground Sensing Circuit for Operator Safety
- CE, UL and CSA Conformance for Safety, EMC and EMI
- Universal Power Supply 85-250 VAC, 50/60 Hz
- Dimensions: 9.5" (24cm) wide, 3.5" (9cm) high, 16" (41cm) deep

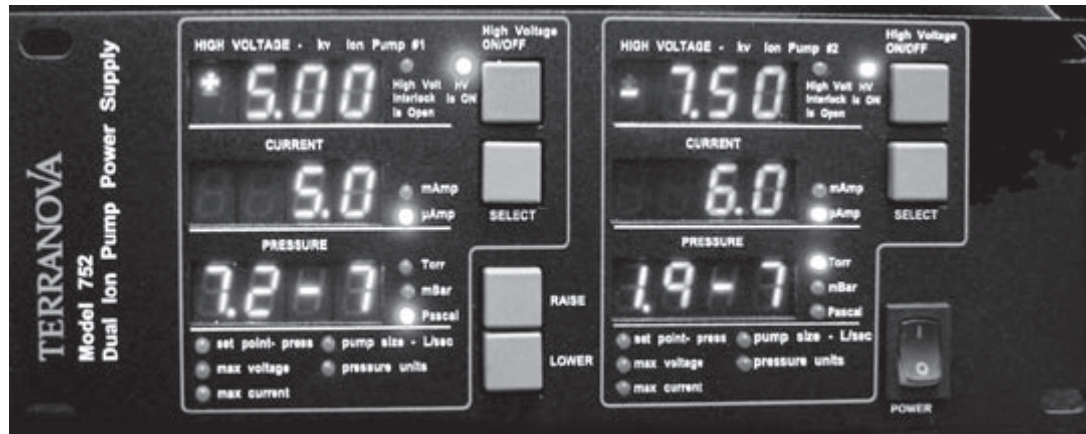
Standard unit is equipped with one Kings 10KV HV output connector. It is also available with dual Kings 10KV HV output connectors or single Fischer HV output connector or dual Fischer HV output connectors.

An RS232 Serial Cable is available for the Terranova 751A Ion Pump Control Units.
Part # TN751-RS232 Length: 10 ft.

Terranova® 752 Dual Ion Pump Control/Display

The Terranova Model 752 Dual Ion Pump Control Unit is designed to supply operating power to two sputter ion pumps and to display the voltage, current and pressure independently for each.. It is designed to start and operate pumps of 60 l/s and smaller and to operate larger pumps of any size at lower pressures.

The Terranova Model 752 is a programmable, microprocessor controlled unit, which gives it great versatility in operation, display, control and data communication. Some major features include:



TWO INDEPENDENT SUPPLIES/CONTROLS

- Programmable High Voltage Output: 3.5 KV to 7.5 KV
- Up to 50 Watts Power for High Pressure Operation
- User configured High Voltage Polarity, Positive or Negative
- Programmable Maximum Current
- Programmable Pump Size for Pressure Display
- Programmable Process Control Set Point
- Choice of Pressure Units; torr, mbar, pascal
- Display for voltage, current and pressure
- RS 232 Serial I/O for Data Collection and Computer Control
- Analog Outputs for Monitoring Voltage and Current
- Ground Sensing Circuit for Operator Safety

GENERAL FEATURES

- CE Conformance for EMI, EMC and Safety
- Power Interlock Micro-Switch on Top Cover
- Universal Power Supply: 100-250 Volts; 50/60 Hz or DC
- Dimensions: 9.5" (24cm) wide, 3.5" (9cm) high, 16" (41cm) deep

Standard unit is equipped with two Kings 10 KV HV output connectors. It is also available with two Fischer HV output connectors

For further questions please consult your next Hositrad Office