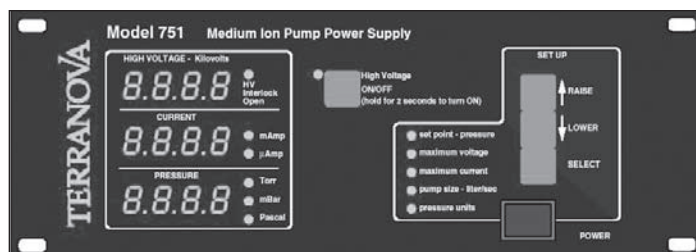


ION PUMPS

Ion Pump Controllers, NEW

TERRANOVA® 751A ION PUMP CONTROL/DISPLAY



TERRANOVA 751 SERIES ION PUMP CONTROL UNIT

The Terranova 751A Ion Pump Controller Unit is designed to supply operating power to sputter-ion pumps while displaying the voltage, current and pressure. The unit is available with either Kings-type or Fischer-type high voltage output connectors; and with either one or two high voltage output connectors for the single high voltage supply.

The Terranova Model 752A 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. The unit is available with either 2 Kings-type or 2 Fischer-type high voltage output connectors; one each for the two independent high voltage power supplies.

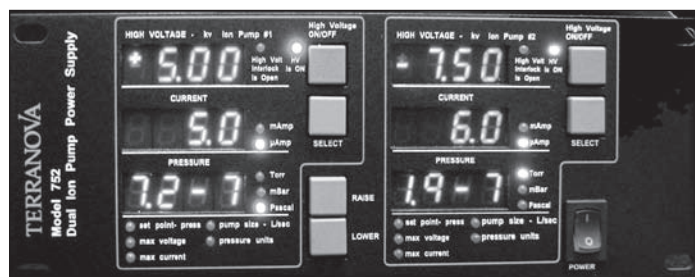
These units are programmable, microprocessor controlled unit, which gives it great versatility in operation, display, control and data communication. Some major features include:

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

Ion Pump Cables can be ordered separately. See page 62.

TERRANOVA® 752A DUAL ION PUMP CONTROL/DISPLAY



TERRANOVA 752A SERIES DUAL ION PUMP CONTROL UNIT

TWO INDEPENDENT SUPPLIES/CONTROLS

TERRANOVA ION PUMP CONTROLLERS - NEW

DUNIWAY PART #	DESCRIPTION	PRICE
T-751A-1F	Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 1 Fischer HV Connector	\$2,030.00
T-751A-2F	Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 2 Fischer HV Connectors	2,090.00
T-751A-1K	Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 1 Kings HV Connector	2,000.00
T-751A-2K	Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 2 Kings HV Connectors	2,070.00
T-752A-F	Dual Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 2 Fischer HV Connectors	2,910.00
T-752A-K	Dual Small/Medium (1-100 I/s) Ion Pump Control and Display Unit, Max Current Settings: 1-50 mA, 2 Kings HV Connectors	2,850.00
TN751A-RS232	Serial RS232 Cable for T-751A and T-752A Ion Pump Control Units - 10 ft.	45.00