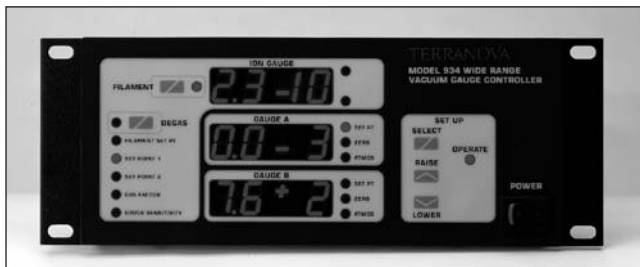


# VACUUM GAUGES

## Controllers, NEW

### Terranova® Model 934 Ionization & Low Vacuum Gauge Controller



#### FEATURES:

- Low Cost
- Extended range from  $10^{-11}$  Torr to 1200Torr
- Automatic filament control
- Dual low-vacuum gauges; choice of convection or thermocouple
- Four process control set points with 3 amp relays
- RS-232 serial input/output
- True logarithmic analog output for ion gauge

The Model 934-UHV incorporates all the functions needed for measurement and control of vacuum in a wide variety of systems. The 934 is lower in cost than other controllers because most of the features needed are built in. With other controllers, these functions are added-cost modules. The wide range of the 934-UHV makes it ideal for processes requiring higher pressure operation.

Enhanced sensitivity of the 934-UHV electrometer allows

measurement with only 1 mA emission; other controllers require as high as 10 mA for measurement to UHV. The lower emission of the 934-UHV reduces outgassing in the gauge and insures true pressure measurement at UHV.

Automatic filament control for the ion gauge, process control set points, dual low-vacuum gauge controls, serial interface, analog output and degas features clearly place this unit ahead of the others in the industry. The 934-UHV offers high performance at a reasonable price.

### TERRANOVA 934 IONIZATION & LOW VACUUM GAUGE CONTROLLER, CABLES

DUNIWAY PART #	DESCRIPTION	PRICE
<b>T-934-TC110</b>	Standard Terranova 934 Ionization & Dual Type 531 Thermocouple Gauge Controller, 110 VAC Power	\$1,700.00
<b>T-934-TC220</b>	Standard Terranova 934 Ionization & Dual Type 531 Thermocouple Gauge Controller, 220 VAC Power	1,700.00
<b>T-934-CV110</b>	Standard Terranova 934 Ionization & Dual Type 275 Convection Gauge Controller, 110 VAC Power	1,700.00
<b>T-934-CV220</b>	Standard Terranova 934 Ionization & Dual Type 275 Convection Gauge Controller, 220 VAC Power	1,700.00
<b>T-934-UHVTC110</b>	UHV Terranova 934 Ionization & Dual Type 531 Thermocouple Gauge Controller, 110 VAC Power	1,800.00
<b>T-934-UHVTC220</b>	UHV Terranova 934 Ionization & Dual Type 531 Thermocouple Gauge Controller, 220 VAC Power	1,800.00
<b>T-934-UHVCV110</b>	UHV Terranova 934 Ionization & Dual Type 275 Convection Gauge Controller, 110 VAC Power	1,800.00
<b>T-934-UHVCV220</b>	UHV Terranova 934 Ionization & Dual Type 275 Convection Gauge Controller, 220 VAC Power	1,800.00
<b>8100-0935-10</b>	Glass Ionization Gauge Cable, GD Connector, Non-Bakeable, 10 ft Long	105.00
<b>8100-0935-12</b>	Nude Ionization Gauge Cable, Non-Bakeable, 10 ft Long	105.00
<b>8100-0935-20</b>	Nude Ionization Gauge Cable, Bakeable, 10 ft Long	130.00
<b>8100-0914-15</b>	Thermocouple Vacuum Gauge Cable from Terra 934 to Type 531 Sensor, Non-Bakeable, 10 ft Long, 2 Required	55.00
<b>275-CBL-2</b>	Convection Vacuum Gauge Cable from Terra 934 to 2 - Type 275 Sensors, Non-Bakeable, 10 ft Long	75.00

See pages 107 for Type 531 TC Gauges, 109 for Convection Gauges, and 111-114 for Ion Gauges