



description

The Digital Ion Gauge Control IV (DGC IV) is a full range ion gauge controller that is designed to provide superior reliability and accuracy at a very affordable price. This controller operates and displays one hot cathode ionization gauge tube and two separate thermocouple tubes (DV-6M type) simultaneously.

Standard features include an RS-232 computer interface, degas timer, and four 3A set points that are adjustable from 1 to 1×10^{-10} torr. An analog recorder output monitors the vacuum. The DGC IV provides 50 watts of resistive degas power. The standard unit includes 19" rack mount brackets.

benefits

- **Highly Visible Display:** Can easily be seen from across the lab
- **Current Technology:** Replaces older DGC III technology
- **Convenient:** Fits in your 19" rack
- **Reliable:** Extended 3-year warranty

specifications

Ion Gauge Tube	Bayard-Alpert
TC Gauge Tube	DV-6M
Degas Power	50 Watts
Degas Timer	0-99 Minutes
Pressure Range	1 to 1.0×10^{-10} torr
Emission Current	Adjustable from .1 to 25 mA
Sensitivity	Adjustable from 1 to 64 torr
Analog Record Output	0 to 10 VDC
Set Points	(4) 3A @ 115 VAC, SPDT Relays
Power	110 or 220 Volts AC, 50/60 Hz
Size	3.5" x 10.5" x 15"

All specifications are subject to change without notice.