



**thermionics
laboratory, inc.**

Digital Portable Thermocouple Vacuum Gauge

TC-6343-PGC - Battery Operated

The Model TC-6343-PGC is a portable digital vacuum instrument that reads from 1 milliTorr (1×10^{-3} Torr) up to 1999 millitorr/microns and comes standard with a TG-6343-004 thermocouple vacuum gauge tube. This gauge is ideal for the person that needs a Thermionics based gauge, but requires the rugged portability and ease of use that this battery powered gauge offers.

It can be easily switched between millitorr, ubar or Pa pressure units on the fly with a simple press of a switch. The TC-6343-PGC is a favorite among cryogenic applications where the Thermionics gauge tube is often permanently mounted on pipes and vessels. This instrument comes in a rugged case and uses a "D" type of battery to increase battery change intervals.



FEATURES

Each vacuum gauge includes:

- A vacuum gauge controller
- A thermocouple vacuum gauge tube (vacuum sensor)
- A cable to connect the vacuum gauge controller to the TC vacuum gauge tube
- Pre-tested under actual vacuum against a NIST standard

SPECIFICATIONS

Range	1-1999
Units:	mTorr, μ bar and Pa
Vac Interface:	1/8 inch MNPT
Sensor:	Thermionics Laboratory, Inc. TG-6343-004
Sensor cable:	10 feet length
Display:	.70 inch high 3.5 Digit LCD display
Dimensions:	2.37" high, 5.12" wide, 5.25" deep
Power:	"D" Battery
Accuracy:	+/- 15% of reading

OPTIONAL FEATURES

Option	Description
NISTCal	Calibration of a vacuum gauge against a NIST traceable standard with data
Case	Carrying case for conveniently carrying vacuum gauge controller and associated gear