

RGC-100T Gauge Controller

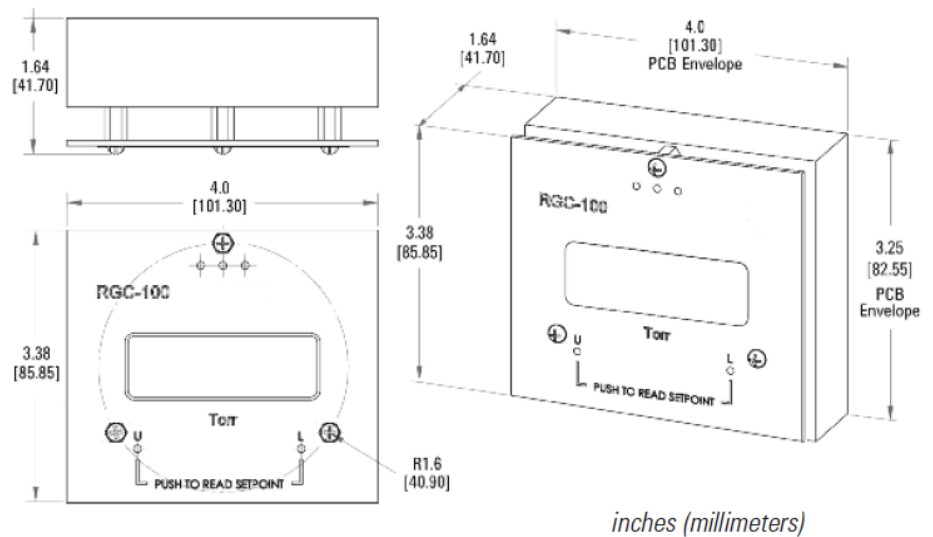


The Agilent RGC-100T is a rough vacuum gauge controller for pressure measurement in the 1×10^{-3} to 760 Torr (1×10^{-3} to 10^{13} mbar) range.

This gauge controller is made radiation-resistant using radiation-hardened components, and it will operate the 531 and 536 thermocouples.

- This controller is a compatible replacement to the 801 Thermocouple Gauge Controller.
- Target applications include high energy physics, linear accelerators, and other high-radiation environments in the rough.

Technical Specifications	
Measurement Range	1×10^{-3} to 1,000 mbar (1×10^{-3} to 760 Torr)
Accuracy % of Reading	$\pm 10\%$ 1.3×10^{-3} to 1.3 mbar (1 mTorr to 1 Torr) $\pm 15\%$ 1.3 to 13.3 mbar (1 to 10 Torr) $\pm 50\%$ 13.3 to 213 mbar (10 to 160 Torr) $\pm 25\%$ 213 to 1,000 mbar (160 Torr to 760 Torr)
Calibration	Factory-calibrated with Agilent 536 TC gauge tube (to be ordered separately)
Analog Output	\emptyset – 11 mV
Supply Voltage	125 VAC, 50/60 Hz
Mounting	Mounts in 2.66 inch panel hole with 3 screws on 1.60 inch radius
Standards	CE, ROHS



Ordering Information	Part Number
RGC-100T Digital Gauge OEM Version (with power cord)	X3001-60001
Thermocouple cable 4 ft 6 in long	X3001-60002
Thermocouple cable 7 ft 10 in long	X3001-60003

For more information, please contact your Agilent representative or visit [RGC-100T Radiation Resistant Rough-Vacuum Gauge Controller](#), where you can chat with a product expert.

You may be also interested in: [531 Thermocouple](#) and [536 Thermocouple](#)

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