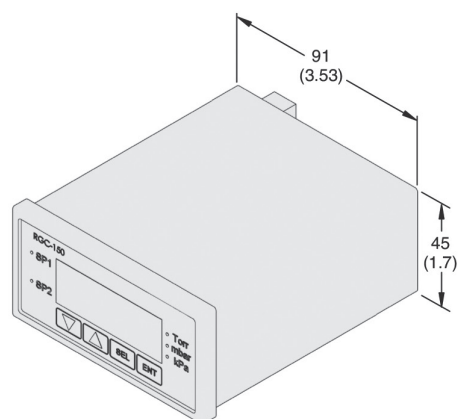
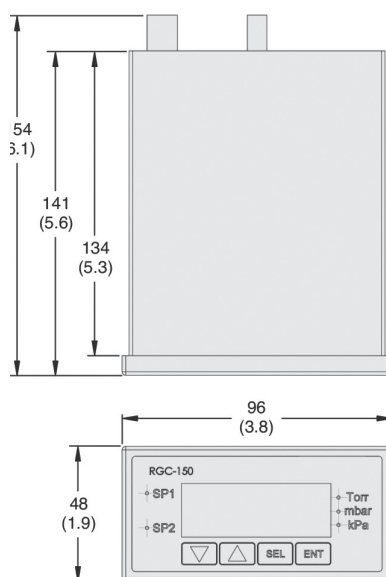


RGC-150 Rough Vacuum Gauge Controller



Dimensions: millimeters (inches)

Agilent's rough vacuum gauge controllers are a cost-effective solution for pressure measurement in the 1×10^{-3} to 760 Torr (1.3×10^{-3} to 1013 mbar) range. The RGC-150 packages includes the Thermocouple gauge tube, sensor cables, and power supplies.

These vacuum gauge controllers are a perfect precalibrated, turnkey solution in a wide range of applications: general vacuum measurement in the rough vacuum range, monitoring forelines, chamber evacuation, and crossover to high vacuum pumps.

Features	Benefits
RGC-150 and Agilent 531 or 536 thermocouple gauge are pre-calibrated as a set at the factory	No calibration required at initial setup
Two easily configured set points	Utilize pressure readings to perform critical operations
Runs on 100-240 VAC, 50/60 Hz and displays in Torr, mbar and kPa	Globally compatible
Large bright LED display	Easily read from across a room or in dimly lit locations
Optional Ethernet connection and software that allows for remote monitoring through a web browser	Monitor vacuum performance from a remote location

NOTE Factory calibration is performed using equipment under NIST Standards. Calibration certificates are not available with these products.

Technical Specifications

Measurement range	1.3 x 10 ⁻³ to 1000 mbar (1.0 x 10 ⁻³ to 760 Torr)	
Accuracy	% of reading	Units
	±10%	1.3 x 10 ⁻³ to 1.3 mbar (1 milliTorr to 1 Torr)
	±15%	1.3 to 13.3 mbar (1 to 10 Torr)
	±50%	13.3 to 213 mbar (10 to 160 Torr)
	±25%	213 to 1000 mbar (160 Torr to 760 Torr)
Interface cable length	10 ft.	
Sensor	Agilent 531 or 536 Thermocouple Gauge	
Display	0.38 inch high 6 digit red LED	
Dimensions	1.7 inch high, 3.52 inch wide, 5.35 inch deep	
Analog output	0-5 VDC	
Supply voltage	100-240 VAC, 50/60 Hz	
Standards	CE, ROHS compliant	
Set point controls	7 A, 250 V	
Communication interface	RS-232	
Mounting	½ DIN rack mount	

Ordering Information

Description	Part Number
RGC-150 Controller, 531 TC 1/8 in NPT	RGC150
RGC-150 Controller, 531 TC 1/8 in NPT, Ethernet	RGC150E
RGC-150 Controller, 536 TC DN 16 ISO-KF	RGC150KF16
RGC-150 Controller, 536 TC DN 25 ISO-KF	RGC150KF25
RGC-150 Controller, 536 TC DN 16 CFF (1.33 in CFF)	RGC150CF
RGC-150 Controller, 536 TC DN 16 ISO-KF, Ethernet	RGC150EKF16
RGC-150 Controller, 536 TC DN 25 ISO-KF, Ethernet	RGC150EKF25
RGC-150 Controller, 536 TC DN 16 CFF (1.33 in CFF), Ethernet	RGC150ECF
Accessories	
Replacement 531 thermocouple gauge, 1/8 in. NPT	F0472303
Replacement 536 thermocouple gauge, DN 16 ISO-KF	L6141308
Replacement 536 thermocouple gauge, DN 25 ISO-KF	L6141309
Replacement 536 thermocouple gauge, DN 16 CFF (1.33 CFF)	L6141305

NOTE All units include set points, RS232 and analog output.

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<https://www.agilent.com/en/product/vacuum-technologies/vacuum-measurement/gauge-controllers/rgc-150-rough-vacuum-gauge-controller>

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