

Vacuum Gauge Model KJLC615TC K/H

Vacuum Controller with Relays, RS232, and Analog Out

Specifications	
Power:	Wall Plug
Vacuum Interface:	1/8" Male NPT
Sensor:	KJL6000 or Hastings DV6-M
Range:	1 to 1999 milli Torr
Units:	mTorr, uBar, Pa
Accuracy:	0 to 9 milli Torr +/- 1 milli Torr 10 to 999 milli Torr +/- 10% of reading 1000 to 1999 milli Torr +/- 15% of reading
Mount	Bench Top
Wetted Parts:	Nickel-plated steel, glass, stainless steel
Output:	5 Volts
Set Points:	250VAC and 7Amp

Verify components

- ✓ Controller with LED Display
- ✓ KJL6000 or Hastings DV6-M vacuum sensor
- ✓ Cable that connects the controller with the sensor (Sensor cable)
- ✓ Power Adaptor

Quick Install Instructions

- ✓ Plug in the controller and verify that the display lights up
- ✓ Plumb the vacuum sensor into your system, with the pipe threads facing down, and the octal pins facing up
- ✓ Connect the RJ12 end of the sensor cable to the controller, and the octal end to the vacuum sensor

Check Readings

- ✓ Verify that the readings make sense. Remember that the KJL615TC K/H will be offscale at pressures above 1999 milli Torr (approximately 2 Torr).

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Calibration Points and Reference

Unit Types: Kurt J. Lesker Co. controllers with KJL6000 or Hastings DV6-M Thermocouple
Vacuum Gauge Sensor: KJL615TC-K, KJL615TC-H

All Instruments Are Calibrated Against A NIST Standard and Meet Or Exceed Tolerances

Primary Standards	S/N	Cal. Due	NIST std S/N	Type
FLUKE 87V	#30080454	06/2016	591253	RMS Multimeter
GP 375001-00-T	#375B0619	10/2016	000040312	Gauge, Convectron
SETRA 730G10	4803149	10/2016	000040343	Baratron, ABS Pressure

Reading (STD)	Tolerance	In Tolerance? Outgoing	Comments
1.0 mTorr	± 1 mT	Yes	mTorr per GP375
10.0 mTorr	$\pm 10\%$ RDG	Yes	mTorr per GP375
25.0 mTorr	$\pm 10\%$ RDG	Yes	mTorr per GP375
500 mTorr	$\pm 10\%$ RDG	Yes	mTorr per GP375
999 mTorr	$\pm 10\%$ RDG	Yes	mTorr per GP375
1000-1999 mTorr	$\pm 15\%$ RDG	Yes	mTorr per GP375

Standards and instruments used in the performance of calibrations by the Kurt J. Lesker Company are maintained in current calibration in an unbroken chain back to the standards maintained by the National Institute of Standards and Technology (N.I.S.T., Gaithersburg, MD, USA).

Formal NIST Certification with Data of a Particular Gauge is Available at an Additional Charge

For Full Instruction Manual:

http://www.lesker.com/newweb/gauges/thermocouple_kjlc_615.cfm

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