**SUPEREvac™ LCD VACUUM GAUGE**

Full range from atmosphere to 1 micron

The SuperEvac™ LCD vacuum gauge combines thermocouple sensor technology with advanced electronics for precise readings and repeatability not found with thermistor sensors or analog meters.

Thermocouple technology has long been proven in laboratory and precision industrial instrumentation for sensing the deep vacuum range. Thermocouple sensors are factory calibrated and exhibit few of the electronic variances of thermistor sensors found in many other electronic gauges. Durable molded case with storage for sensor, cable and brass connector.

**Thermocouple sensor features:**
- No adjustments or warm-up. Stays calibrated after on/off switching and long evacuations
- Automatic battery compensation
- Automatic ambient temperature compensation
- Replacement sensor requires no calibration

**LCD gauge features:**
- Normal handling and jarring will not affect the LCD reading
- Case protects electronic circuitry and sensor
- Calibration standards traceable to NIST
- Precision circuitry controls sensor and translates sensor input into micron readings
- Auto-off 20 minutes after power up and no change
- Made in the USA

**Specifications**

- **Response time:** 3 seconds
- **Calibration:** Automatic
- **Warm up:** 3 seconds
- **Sensor cable:** 5.5' (167 cm) coiled
- **Sensor connection:** 1/4" Male flare
- **Operating temperature range:** 32˚ to 120˚F (0˚ to 49˚C)
- **Display:** 0.5" LCD with battery check
- **Automatic shut-off**
- **Power:** D cell battery, 70 hours continuous battery life
- **Dimensions:** 9" x 12.25" x 2.37" (230 mm x 310 mm x 60 mm)
- **Accuracy:** ± 2% of reading

**UPC#** | **Description**
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69070 | SUPEREvac LCD vacuum gauge full range complete in case
69067 | Optional ball valve to add to sensor 1/8" NPT Female x 1/4" Female flare
69071 | Brass connector 1/4" Female flare x 1/4" Female flare (optional)
69073 | Replacement sensor for 69070, 69075
19110 | Optional coupler to add to sensor 1/8" NPT Female x 1/4" Female flare

**DIGITAL LCD ECONOMY VACUUM GAUGE**

Connect to the YELLOW JACKET® SUPEREvac™ Vacuum Pump, or in line with a tee fitting, or directly to the system with YELLOW JACKET® Core Removal Tool 18975.

This product is protected by one or more of U.S. Patent Number: 6,779,350; 6,832,491; 7,073,346; 7,310,365; and 7,428,822

The digital LCD economy vacuum gauge indicates air and moisture have been removed from the system. Track down the 14 level bargraph from atmosphere to 25 microns to know that the system is clean and the vacuum pump is performing properly. Packaged complete with 9V alkaline battery and hanging hook.

- Unique thermal conductivity sensor automatically compensates for temperature with no calibration
- Simple On/Off controls
- Easy-to-clean sensor handles 450 psi positive pressure
- Rugged contractor-grade construction with tough ABS housing and solid state circuitry for accuracy
- Automatic battery saver shuts gauge off after 20 minutes with no reading changes
- Low battery indicator
- Calibration standards traceable to NIST
- Patented technology
- Made in the USA

To keep the 69080 vacuum gauge accurate, it is best to avoid oil contamination. Keep the sensor vertical whenever possible and connect the gauge directly to the system, away from the pump.

**UPC#** | **Description**
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69080 | Digital LCD vacuum gauge with battery, hook and pouch
69081 | Replacement soft-sided protective case
69079 | Replacement battery door and screw
69095 | Tee fitting