



**Mastercool**® Inc.  
"World Class Quality"

1 ASPEN DRIVE, RANDOLPH, NJ 07869  
PHONE: 973-252-9119 / FAX: 973-252-2455  
WEB: WWW.MASTERCOOL.COM

## DIGITAL VACUUM GAUGE



### SPECIFICATIONS:

- Response Time: 250 mSec.
  - Sensor Cable: Spiral cable extended to 6.5 ft (2.6 m)
  - Sensor: Thermocouple sensor
  - Connection Fitting: 1/4 F-FL adapter
  - Operating Temperature: 32 to 120°F (0 to 45°C)
  - Power: 9V DC battery (AC/DC Adapter Optional)
  - Battery Life: 15 hours
  - Low Battery Indicator: Special ICON on LCD
  - Vacuum Units: Micron, Torr, mTorr, mmHg, mBar, Pa
  - Range: 20,000 to 1 micron
  - Accuracy Range\*:
    - ATM - 1000 Microns:  $\pm 10\%$  of reading
    - 1000 - 100 Microns:  $\pm 7\%$  of reading
    - 100 - 1 Micron:  $\pm 5\%$  of reading
- \* Unit accuracy was established using a calibrated instrument with NIST traceability.

As a professional technician the assurance of a deep vacuum on a system is imperative. The main problem with many small handheld units is their inaccuracy and durability. Although the thermocouple sensor has been proven to be much more accurate and durable than the thermister type, the problem has been the inconvenience of a cumbersome tabletop unit. Mastercool is introducing a hand held unit using thermocouple technology.

This vacuum gauge has been designed with the technician's field environment in mind, allowing for self-calibration and a sensor that will not be damaged by small mists of oil. The Mastercool unit allows for a target vacuum range to be programmed with a light sensor indicator. Now you have the freedom to continue with your other work and come back to the system once you see the indicator light signaling your target vacuum.

**98061-C** Digital Vacuum Gauge packaged in clam shell

**98061** Digital Vacuum Gauge packaged in blow molded case

### Optional Accessories

**99334-110** 110V AC/DC Adapter

**99334-220** 220V AC/DC Adapter

**99333** 1/4 FL-M x 1/4 FL-M x 1/4 FL-F Tee

