

REOTEMP

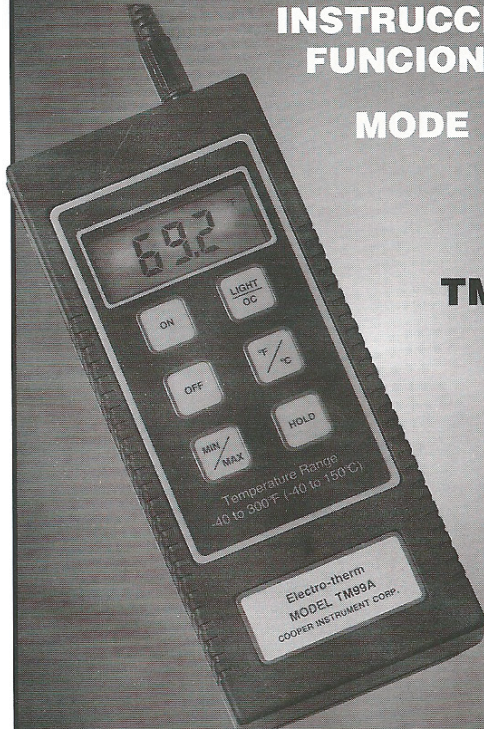
INSTRUMENTS

OPERATING INSTRUCTIONS

INSTRUCCIONES DE FUNCIONAMIENTO

MODE D'EMPLOI

TM99A and TC100A Series



REOTEMP
INSTRUMENTS

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BACKLIGHT THE DISPLAY



When used in dark locations, the display of the TM99A and TC100A series can be illuminated by pressing the LIGHT/OC button. The backlight will turn off automatically after approximately 30 seconds, or may be turned off by pressing the LIGHT/OC button a second time.

DISABLE THE AUTO-SHUT OFF

The TM99A and TC100A series will normally turn itself off after 15 minutes. Pressing any of the buttons will delay the automatic shut-off for another 15 minutes. The technician can disable this auto-off feature by pressing the LIGHT/OC button three times within 5 seconds. The small "F" or "C" if in Celsius scale) at the right side of the display will blink on and off to indicate that the unit is in "ON CONTINUOUS" mode and will not turn itself off. This function is useful for MIN/MAX data collection over extended time periods. NOTE: the technician may want to use the optional AC power adapter when in "ON CONTINUOUS" MODE to prevent possible data loss due to battery failure.

TM99A /TC100A - BATTERY REPLACEMENT / RECHARGE

When the battery power in the TM99A/TC100A becomes too low to operate the unit, the display will show "LO P". On the TM99A, replace the battery with a 9 volt alkaline or equivalent NEDA Type 1604A battery. The TC100A is equipped with a rechargeable NiCad battery which must be recharged for 16 hours. The battery charger operates off of any standard household 110 volt AC outlet. Plug the charger body into the outlet and connect the charger to the TC100A charger jack (located on the lower right side of the unit).

TM99A-UL- BATTERY REPLACEMENT

When the battery in the TM99A-UL needs to be replaced, the display will show "LO P". Replace the dead battery with a NEDA Type 1604A 9 volt alkaline battery.

OPTIONAL BATTERY ELIMINATOR (Not available on UL unit)

The TM99A series is equipped with a power jack that will accept the optional power supply 9313. While the 9313 is installed, the battery will not discharge. It is recommended that the 9313 be used if the technician intends to run the unit for extended time as described in DISABLE THE AUTO-SHUT OFF above.

CAUTION

This unit is not waterproof. Do not immerse for cleaning. If unit becomes wet inside because of cleaning, rain, or condensation, unstable readings may occur.

Not intended for human medical use.

OPERATING INSTRUCTIONS

THIS UNIT IS CALIBRATED TO STANDARDS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

MEASURE TEMPERATURE



Press the ON button. The unit will display "888.8" for 2 to 3 seconds, then display the temperature. If there is no probe in the probe jack, the unit will display "LO". Install the temperature probe into the probe jack (located above the display) to measure temperature.

DISPLAY MIN/MAX READINGS



The TM99A and TC100A series will display the lowest and highest temperature readings seen by the temperature probe since the unit was turned on. Example; while the unit is on, the temperature being measured changes from 40°F to 100°F (4.4°C to 37.8°C), then drops to 60°F (15.6°C). The display now shows 60°F (15.6°C). Press the MIN/MAX button. Dashes will show, then the MIN value 40°F (4.4°C) for a few seconds, then the MAX value 100°F (37.8°C) for a few seconds, then back to the current probe temperature, 60°F (15.6°C). Note also that while the MIN/MAX values are being displayed, the small characters on the right hand side of the display will blank out to indicate the MIN/MAX function. These characters will re-appear when the actual probe reading is back on the display.

CLEAR MIN/MAX MEMORY

Press the MIN/MAX button to display MIN/MAX values. While the MIN/MAX values are showing on the display, press the MIN/MAX button again. The display will show the letters "CL" to indicate that the memory has been cleared. The TM99A and TC100A series will then return to displaying the current probe temperature on the display, and begin to store a new set of MIN/MAX values. If the unit is turned off, MIN/MAX values will be cleared.

THE "HOLD" FUNCTION



To "freeze" the current temperature reading on the display press the HOLD button once. The temperature displayed will not change while the hold function is active. The display will alternate showing the temperature, and the word HOLD to indicate the hold function is still active. To return to normal mode, press the HOLD button once again.

SELECT DEGREES C DISPLAY



The temperature scale is normally in degrees Fahrenheit. To display the temperature reading in degrees Celsius, press the °F/°C button. The small letter "C" will appear at the right side of the display to indicate readings in degrees Celsius.

LIMITED WARRANTY

Any instrument which proves to be defective in material or workmanship within one year of original purchase will be repaired or replaced without charge upon receipt of the unit prepaid with proof of purchase. This Limited Warranty does not cover damage in shipment or failure caused by tampering, obvious carelessness, or abuse, and is the purchaser's sole remedy.

GARANTIE LIMITÉE

Tout instrument défectueux au niveau de la fabrication ou de la main-d'oeuvre durant l'année qui suit l'achat original sera réparé ou remplacé, sans frais, dès réception de l'appareil, port payé, accompagné d'une preuve d'achat. Cette Garantie Limitée ne s'applique pas aux dommages encourus lors de l'expédition ni les défaillances suite au traficage, au manque de précaution évident ou aux abus. Ces dommages sont du seul recours de l'acheteur.

GARANTÍA LIMITADA

Cualquier instrumento que pruebe tener defectos de materiales o mano de obra durante el primer año a partir de su compra original será reparado o reemplazado sin cargo. Envíe la unidad pagada con la prueba de compra. Esta Garantía Limitada no cubre daños producidos durante el envío ni fallas causadas por modificaciones no autorizadas, descuido obvio ni abuso, y es el único recurso del comprador.

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