

# GET A HARD COPY PRINTOUT OR DOWNLOAD TO A PC OR LAPTOP

MODEL PIRT 9811



Tripod Mountable

**FEATURES:**

- Backlight
- Thermal Printer W/ Timestamp
- Wide Temperature Range:
- (-40 To 932F, -40 To 500C)
- RS232 Output
- Optional Software
- Manually Log Temperature Or Automatic Logging Object
- Scan Temperate Point Of A Processor
- Laser Sighting Selectable
- Auto Power Off

**3 Operational Modes:**

- a.) Measure / Single Print
- b.) Measure / Procedure / Table Print  
Enable to edit the labeled file and the object name
- c.) Measure / Logger / Table Print  
Enable to set up
  1. Logger Start / End time
  2. Sample rate
  3. Clock
  4. Temp. unit
  5. Emissivity value

**Memory size:**

- a.) General mode: Single point
- b.) Procedure mode: 4 labeled files (# 1 - # 4), each file there are available for each file / label 99 measure-point.
- c.) Logger mode: 4 loggers (# 5 - # 8), each logger incl. 99 measure-point

**Other features:**

- a.) Tripod mountable for long time logging temperature. (1/4" HOLE)
- b.) RS232 port, procedure mode: for downloading temperature, logger mode: downloading & uploading between PC and 9811.

**SPECIFICATIONS:**

- Measuring range: -40 C ~ 500 C (-40 F ~ 932 F)
- Accuracy: +/-2% or 2 C whichever is greater under -20 C: +/-3% or 3 C whichever is greater
- Emissivity adjustable from 0.3 to 1.0
- Resolution: 0.1 C/0.1 F (<100 C) others 1 C/1 F
- Distance ratio: 8:1
- Response time: 0.2 seconds.
- Auto Power Off for saving battery life
- Printer: 38mm Thermo-printer, 38x 30mm thermo-paper
- Meter size: Approx.208 (H)x 70 (W) x 53 (T)mm
- Matrix LCD
- Weight: 260 grams (9.17 lbs)

**INCLUDES:**

- Hard Blow Mold Case
- (4) AA Batteries
- 1 Paper Roll

**PART NUMBERS:**

- PIRT 9811: Energy Audit Master
- 9811SFT: Software & Cable For 9811
- PIRT 9811SFT: Energy Audit Master W/ Software & Cable
- 9811P: Thermal Paper Rolls (2)

**Logger / Table print**

```

Logger Measure
#5
Logger Name
Begin: yy-mm-dd
End: yy-mm-dd
Start: hh-mm-ss
Suspend: hh-mm-ss
Rate: xxxxx
Total: xxxxx rec

Unit: °C

01 xxx.x°C(F)
mm-dd hh:mm:ss

.....

99 xxx.x°C(F)
mm-dd hh:mm:ss
mm-dd xx:xx:xx
x x x company
    
```

**Procedure / Table print**

```

Procedure Measure
#1
Procedure Name
Total: xxx rec

Unit: °C

01 xxx.x°C(F)
Oven A

.....

02 xxx.x°C(F)
Oven B

.....

99 xxx.x°C(F)
Oven B

mm-dd xx:xx:xx
x x x company
    
```

**Single print**

```

xxx.x°C(F)Note 1
mm-dd hh:mm:ss

xxx.x°C(F)
mm-dd hh:mm:ss
Note 2

xxx.x°C(F)
mm-dd hh:mm:ss
x x x company
    
```

Press **SET** button twice to set company information at the end of printing paper.