

OPERATION

ENERAC M500

STATUS

ENERAC M500
Company Name
Time: XX:XX:XX
Date: XX/XX/XX

Version: 1.0
Serial #: 000000
Batt: X.XX V
Fuel:

Amb Temp:XXX F
Temper. Units:F
Meas. Units:PPM
Oxygen Ref:TRUE%

Display Volt:NO

DISPLAY DATA

Effic: XX.X %
Oxygen: XX.X %
CO: XXXX PPM
Stack T:XXXX F

CO2: XXXX %
Ex.Air: XXXX %
Combust:XX.X %
Draft: XX.X "

NOX: XXXX PPM
NO: XXXX PPM
NO2: XXXX PPM
SO2: XXXX PPM

OX:XX.X DFT:XX.X
ST:XXXX CMB:XX.X
CO:XXXX NO2:XXXX
NO:XXXX SO2:XXXX

PUMP

Toggle Pump On/Off

LIGHT

Toggle Display Backlight On/Off

PRINT

ENERAC M500
Serial #: 000000
TEST RECORD
Company Name
Time: XX:XX:XX
Date: XX/XX/XX
Fuel: XXXXXXXXX
Effic: XX.X %
Amb Temp:XXX F
Stack T:XXXX F
Oxygen: XX.X %
CO: XXXX PPM
CO2: XXXX %
Combust:XXXX %
Draft: XX.X "
Ex.Air: XXXX %
NO: XXXX PPM
NO2: XXXX PPM
NOX: XXXX PPM
SO2: XXXX PPM
Oxygen Ref:TRUE

ENERAC Printout

ZERO

Press
Enter to Zero
Shift to Abort

01:00
Autozeroing
Shift to Abort

Autozero All Sensors

Pump should be on for Autozero.
Probe should be connected & cool.

STORE

Press
Enter to Store
BUFFER #00

Storing Data
BUFFER #00

*

Timed Store: 1m

Press
Enter to Begin
Timed Store

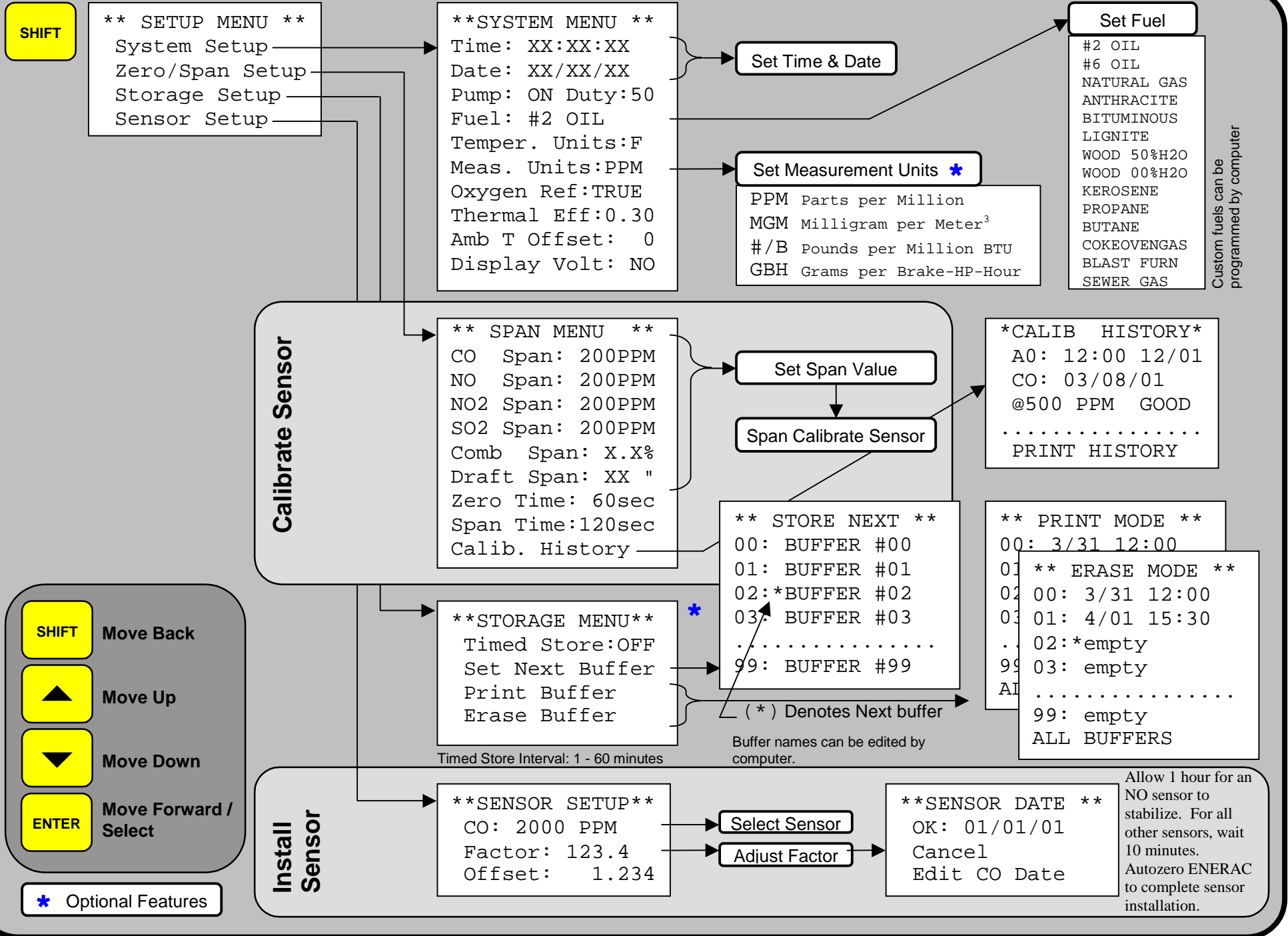
Storing Data
BUFFER #00

Data stored every minute

Stored data can be printed or
downloaded to a computer.

SETUP

ENERAC M500



Custom fuels can be programmed by computer.

SHIFT

**** SETUP MENU ****
System Setup
Zero/Span Setup
Storage Setup
Sensor Setup

****SYSTEM MENU ****
Time: XX:XX:XX
Date: XX/XX/XX
Pump: ON Duty:50
Fuel: #2 OIL
Temper. Units:F
Meas. Units:PPM
Oxygen Ref:TRUE
Thermal Eff:0.30
Amb T Offset: 0
Display Volt: NO

Set Time & Date

Set Measurement Units *

PPM Parts per Million
MGM Milligram per Meter³
#/B Pounds per Million BTU
GBH Grams per Brake-HP-Hour

Set Fuel

#2 OIL
#6 OIL
NATURAL GAS
ANTHRACITE
BITUMINOUS
LIGNITE
WOOD 50%H2O
WOOD 00%H2O
KEROSENE
PROPANE
BUTANE
COKEOVENGAS
BLAST FURN
SEWER GAS

Calibrate Sensor

**** SPAN MENU ****
CO Span: 200PPM
NO Span: 200PPM
NO2 Span: 200PPM
SO2 Span: 200PPM
Comb Span: X.X%
Draft Span: XX "
Zero Time: 60sec
Span Time:120sec
Calib. History

Set Span Value

Span Calibrate Sensor

CALIB HISTORY
A0: 12:00 12/01
CO: 03/08/01
@500 PPM GOOD
.....
PRINT HISTORY

SHIFT

Move Back

▲

Move Up

▼

Move Down

ENTER

Move Forward / Select

* Optional Features

****STORAGE MENU**** *
Timed Store:OFF
Set Next Buffer
Print Buffer
Erase Buffer

Timed Store Interval: 1 - 60 minutes

**** STORE NEXT ****
00: BUFFER #00
01: BUFFER #01
02:*BUFFER #02
03: BUFFER #03
.....
99: BUFFER #99

(*) Denotes Next buffer

Buffer names can be edited by computer.

**** PRINT MODE ****
00: 3/31 12:00
01 **** ERASE MODE ****
02 00: 3/31 12:00
03 01: 4/01 15:30
.. 02:*empty
99 03: empty
AI ..
99: empty
ALL BUFFERS

Install Sensor

****SENSOR SETUP****
CO: 2000 PPM
Factor: 123.4
Offset: 1.234

Select Sensor

Adjust Factor

****SENSOR DATE ****
OK: 01/01/01
Cancel
Edit CO Date

Allow 1 hour for an NO sensor to stabilize. For all other sensors, wait 10 minutes. Autozero ENERAC to complete sensor installation.