



Option 7 — Setting Up Display Mode

Run mode is the normal operational state of the meter. The default display information in Run mode is the flow meter's tag name and flow, as shown in the following example:

```
TAG NATURAL GAS1  
FLOW 0.0000 SCFM
```

Firmware version 2.0 and higher allows you to determine the process variables that appear in Run mode. You can access display mode variables by selecting Option 1 in Program mode with a basic password, although you must scroll through the entire basic setup.

To access the Display Mode menu in Program mode:

1. Press **P**.
2. Enter your **Advanced** access password, and then press **E**.
3. Press **2** to invoke the Quick Jump option.
4. Press **7** for the **Display Mode** menu, and then press **E**.

The following example shows the display is set to scroll information.

```
RUN MODE DISPLAY  
>SCROLLED ^v
```

5. Use the arrow keys to select either **SCROLLED** or **STATIC**, then press **E**.
A prompt appears for selecting an option within the selected display mode.
6. Use the arrows keys to select the information you want to appear, and then press **E**.



Static Variables

Static shows only one set of process variables.

Flow only

Line 1 is flow
Line 2 is blank

FLOW 0.0000 SCFM

Flow and temperature

Line 1 is flow
Line 2 is temperature

FLOW 0.0000 SCFM
TEMP 82.52 DEGF

Flow and velocity

Line 1 is flow
Line 2 is velocity

FLOW 0.0000 SCFM
VEL 0.00000 SFPM

Velocity and temperature

Line 1 is tag name
Line 2 is flow

VEL 0.00000 SMPS
TEMP 27.844 DEGC

Flow and totalized flow

Line 1 is flow
Line 2 is totalized flow

FLOW 0.0000 SCFM
FLTOT 183545.0

Flow and daily

Line 1 is flow
Line 2 is temperature

FLOW 0.0000 SCMH
0000000 SCMD

Tag name and flow

Line 1 is tag name
Line 2 is flow

TAG NATURAL GAS1
FLOW 0.0000 SCFM

- Flow** PPM, SLPM, SCFM, PPH, SCMH, SCFH, NLPM, KGM, NCMH, KGH
- Temperature** Fahrenheit or Centigrade
- Velocity** English or metric, based on flow units
- Daily flow rate** Continuously rolling log of 24-hour data, based on flow units
- Totalized flow** Continuous log of flow rate since the meter was powered on
- Tag name** Meter name



Scrolled Variables

Scrolled shows all or specific process variables. Each process variable provides the a label, a value, and the unit of measure. You also determine from 2 to 8 seconds that each process variable appears before showing the next variable.

Flow

PPM SLPM SCFM
PPH SCMh SCFH
NLPM KGM
NCMH KGH

FLOW RATE
SCFM

Temp

Fahrenheit or Centigrade

TEMPERATURE
82.52 DEGF

Velocity

English or metric, based on flow units

VELOCITY
0.0 SFPM

Daily flow rate

Continuously rolling log of 24-hour data, based on flow units; the "M" designation reflects millions (10^6)

DAILY FLOW RATE
1.949147 MSCMD

Totalized flow

Continuous log of flow rate since the meter was powered on

TOTAL FLOW
183545.0 SCF

Tag name

Meter name

TAG NAME
NATURAL GAS1

The scroll combinations are:

- Scroll all
- Flow only
- Daily flow rate only
- Totalized flow rate only
- Flow and velocity
- Flow and totalized flow
- Flow and daily flow rate
- Tag name and flow
- Tag name, flow, and velocity
- Flow, totalized flow, and velocity
- Flow and temperature
- Flow, temperature, and velocity