The Omniguard 4 is a differential pressure recorder in a completely self-contained package, designed from the beginning to be extremely flexible yet easy to use. The included accessories, owner's manual, hose, a spare roll of paper and AC cord, store easily in the lid. There's no AC adapter to keep track of.

It's easy to find a convenient spot to place the unit since the Omniguard 4 is not position sensitive and can be hung by a nail. Accurate measurements continue even if the unit is dropped or moved.

The backlit graphics display provides the easiest setup possible. Pressure is indicated with large easy to read characters and alarm setpoints are always displayed. Screen icons show the monitoring, printer and audible alarm status with a glance. Detailed information for job setup, feature settings and operating instructions are available on-screen at any time by pressing the Help key. Troubleshooting topics are also covered.

Pressure readings are time stamped and logged into memory once containment has been established. Audible and visual alarms activate whenever the pressure reaches the alarm setpoints.

The Omniguard 4 ensures the site inspector that proper containment was maintained. Logs and summary reports can be printed at any time for easy inspection of the monitoring data. Durable and reliable, the Omniguard 4 is clearly the contractors choice for containment monitoring.

The Omniguard 4's case allows the unit to be operated with the lid closed. A window in the lid lets you see the screen and there is a slot in the side for hoses and cables. Keeping the lid closed means water and dirt stay out and that means a pressure recorder that keeps on working.

Hang it by the handle or hanging clip, stand it up or just lay flat. The rotating screen lets you view the information no matter which way you look at it.

Multiple screen formats let you choose between the standard monitoring screen or an enlarged pressure reading that makes it easier to see from across the room.
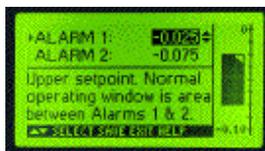

Multiple screens allow the user to easily inspect and adjust the settings for specific job requirements.

Monitor Screen

View current pressure reading and alarm settings. Monitoring status is shown at the screen bottom. Printer and Alarm status are indicated by on-screen icons.

Edit Screen

Make changes to configurable settings. Saved settings are logged into memory and printed to the report.

Main Menu

Scroll through a menu of all functions, alter settings or get more info for the highlighted function with the Edit or Help keys.

Help Info Screen

Detailed information and operating usage is available at any time by pressing the Help key. Troubleshooting topics are also covered.

The Omniguard 4 comes equipped with a thermal printer that provides a detailed, easy to read log of the pressure in the containment area as well as recording any changes made to the setup. Retrieving the data log is quick and easy. The Print Job key can be configured to print the log for the last one, two or three days or the entire job. Each of these reports offers the user specific, pertinent information and a hard copy record of the data logged from the

Example of Typical Job Printout

```
POWER OFF
    10-21-03   19:48:39

CURRENT JOB
  Job 1

        OMNIGUARD 4
    10-22-03   08:02:20
ALARM 1 @   -0.025" WC
ALARM 2 @   -0.100" WC

NORMAL OP   08:03:43

NEW TIME
  08:15:00

NEW ALARM 1
  -0.090" WC

ALARM 1 @   -0.025" WC
  08:51:26    -0.012" WC
  08:51:41    -0.002" WC

NORMAL OP   08:51:55
  TIME    HI "WC   LO "WC
  09:06   -0.032   -0.028
```
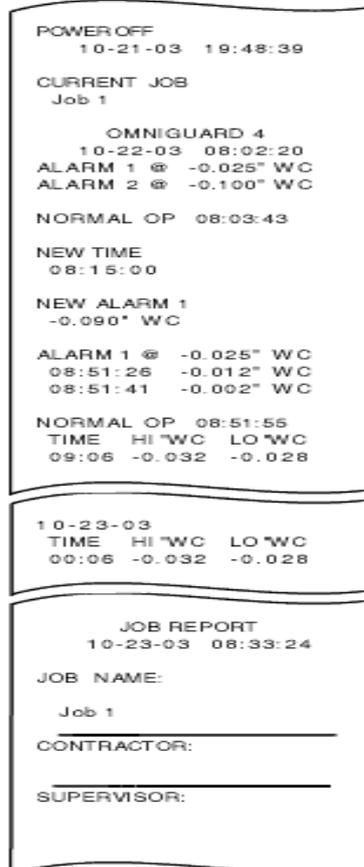
Typical startup sequence

Setting changes print for verification

Alarm Condition (Alarm 1 tripped)

Back into Normal Operation

New Date prints at midnight

```
10-23-03
  TIME    HI "WC   LO "WC
  00:06   -0.032   -0.028
```

Signoff header

```
        JOB REPORT
    10-23-03   08:33:24

JOB  NAME:

  Job 1
  _____

CONTRACTOR:
  _____

SUPERVISOR:
```

containment area.

Each printout provides a summary of the current job status, including the amount of time in Normal Operation, the number of Alarms and the amount time in Alarm Conditions (if any) along with an area for sign-off.

In addition, a Configuration Report can be viewed and printed from the Menu Screen. The Configuration Report provides a hard copy of all of operational settings, memory usage and log space available.