

kdS OS 250

NEW! Revolutionary Spill Sensor System



Revolutionary Spill Sensor System

KD Scientific is announcing the release of the OS 250 Spill Sensor System. This is a very significant product in reducing liability and increasing safety when running unattended liquid systems. The OS 250 can help prevent environmental hazards, destruction of expensive equipment, fires and serious spills. Leaks can be quickly contained before causing significant damage. For example, if chloroform leaks can be contained before large volumes enter the air, a toxic release can be prevented. You will reduce liability. It is simple to use and on guard 24/7, when no one is there.

The proprietary moisture sensing mat is the heart of the system. The sensing mat is placed where the spills need to be detected. Mats are made from a multi-layer, non-woven, carbon-impregnated material and can be cut to any size or shape. They are resistant to most organic solvents. They are reusable after the spill has dried, or can be easily replaced. The mat dimensions are 30 x 30 cm. Each system includes 4 mats. Up to 4 mats can be daisy chained together (consult the factory for this feature). It only takes a few drops and OS 250 can stop the problem and send out an alarm.

If as little as 1 to 3 drops of liquid is sensed on the mat, a contact will trip and cut the power to the equipment.

The easy-to-use front panel houses the input BNC for the sensor cable, an alarm LED, an internal alarm speaker and the power switch. The instrument rear panel houses an outlet for the switched power cable, a connection port for the instrument line cord and a fuse assembly.

KD Scientific also offers a wide variety of pumps to meet a variety of different applications. The full line of KDS pumps includes a simple single syringe, dispense only pump, a multi-syringe infuse and withdrawal pump, push and pull pumps, continuous flow pumps for uninterrupted fluid delivery, nanoliter pumps and an emulsifier pump. KD Scientific is world renown for its unsurpassed quality and reliability.

NOTE: KD Scientific syringe pumps are for laboratory use only. They have not been approved by the FDA for clinical use.

Benefits

- Rapid response to liquid exposure
- Quiet operation
- 24/7 unattended monitoring
- Moisture mats fit to your application

Features

- Mat clip can be connected anywhere on the mat for full functionality
- Mat can be cut to any size or shape
- Alarm condition on as little as 1 to 3 drops of fluid
- LED alarm indication
- Audible alarm indication
- Quick and easy to set up
- Peak response with 10 to 75% RH
- 1 year warranty

Applications

- Prevent environmental hazards
- Protect expensive lab equipment
- Monitor unattended liquid systems
- Process stream leak detection

The OS 250 System Includes:

- OS 250 Controller
- Mat Sensor Cable (1.5 m long)
- Moisture Mats (includes 4 mats)
- Line cord to connect the power output of the OS 250 to the power device

Specifications

| | |
|------------------------------------|--|
| Model | OS 250 |
| Power Requirements | 90 - 240 VAC, 50/60 Hz, 0.5 VA |
| Operating Humidity | 10 to 75% |
| Switched Outlet Current | 8 A |
| Enclosure Dimensions, H x W x D | 4.6 x 8.2 x 18.0 cm (1.8 x 3.2 x 7.1 in) |
| Weight | 1.4 kg (3.1 lbs) |

(Syringes NOT included)

Ordering Information

| Catalog No. | Model No. | Product |
|-------------|-----------|--|
| 78-0500 | OS 250 | Spill Detection System with 4 Detection Mats |
| 78-0501 | OS 250 | MAT-2 Moisture Sensitive Mats, pkg. of 4 |



84 October Hill Road • Holliston, Massachusetts 01746
Phone: 508-429-6809 • Fax: 508-893-0160
Email: info@kdsscientific.com • Web: www.kdsscientific.com