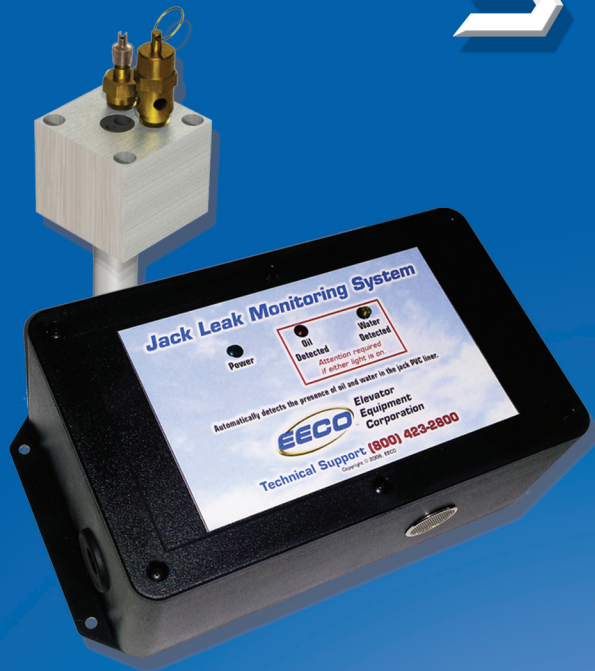


INSPECTION SYSTEMS



**Electronic Leak
Monitoring System**



Elevator Equipment Corporation



**Evacuation
System**

(888) 577-EECO ♦ sales@eecomail.com ♦ www.elevatorequipment.com
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Models & Configurations

EVACUATION SYSTEM

The **Evacuation System (EVS)** is to be used to evacuate / inspect fluid leakage into the cavity between the cylinder and PVC liner of new or existing in-ground hydraulic jack system. The minimum required space between the largest outside diameter of the cylinder assembly and inside diameter of the PVC should be 1/2”.

Model No. EVS-01

ELECTRONIC LEAK MONITORING SYSTEM

Purpose

To detect the leakage of either water or oil into the sealed PVC liner and also provides a manual monitoring method for verifying the leakage in the liner.

General Design

The **Electronic Leak Monitoring System (ELMS)** is designed as a discriminating device. That is, the monitor array is designed to report the presence of a liquid trapped between the jack cylinder and the sealed PVC liner and to determine whether the liquid is water or oil. A secondary test for verification of leakage can be made by applying a suction pump to the test line at the monitor control block.

Leakage Notification

The solid-state monitoring station requires a regular 120 VAC power supply and can be mounted up to 60 feet away from the jack in the machine room.

Monitor Response

The monitor is equipped with three (3) LED's which are:
Green for Power; Yellow for Water; Red for Oil

If water is detected, only the yellow LED will light. If oil is detected, the red LED will light and an eighty (80) dba sonic alarm sounds intermittently, notifying of a possible cylinder leak. At the same time, a type “C” dry contact is provided which can be used to simulate a low oil condition or for remote monitoring.



EECO In-ground Jack Unit with Sealed PVC