

**ENGINEERING SPECIFICATION**  
**SYMCOM MODEL INFORMER DIAGNOSTIC TOOL FOR PUMPSAVERS**

**PART 1 GENERAL**

**1.1 WARRANTY**

A. Manufacturer Warranty: The manufacturer shall guarantee the pump monitor to be free from material and workmanship defects for a period of five years from the date of manufacture when installed and operated according to the manufacturer's requirements.

**PART 2 PRODUCTS**

**2.1 MANUFACTURERS**

The equipment specified shall be the Model Informer, manufactured by SymCom, Inc.

**2.2 PERFORMANCE/DESIGN CRITERIA: PUMPSAVER DIAGNOSTIC TOOL**

A. Capabilities and Features

1. The Informer shall be able to receive and display data sent from SymCom PumpSavers via LED transmitters.
2. The Informer shall be capable of displaying the following information:
  - a. version number of the Informer's software
  - b. model number of the PumpSaver
  - c. line power
  - d. line current
  - e. line voltage
  - f. low power trip setting
  - g. high current trip setting
  - h. calibrated voltage
  - i. restart delay setting (PumpSaver Plus models only)
  - j. restart delay time remaining (PumpSaver Plus models only)
  - k. CT size (model 235-P only)
  - l. number of pump starts (PumpSaver Plus models only)
  - m. total run time in days, hours and minutes (PumpSaver Plus models only)
  - n. last twenty faults (last fault only for standard PumpSaver models)
  - o. power, volts, and amps at time of each fault (last fault only for standard PumpSaver models)
  - p. fault time stamp in days, hours and minutes for each fault (PumpSaver Plus models only)
  - q. minimum and maximum amps
  - r. minimum and maximum volts
3. The Informer shall display a warning message when there is a low battery condition on startup.
4. The Informer shall have an indicator light that is activated when the Informer has good communications with a PumpSaver.
5. The Informer shall automatically shut off if the scroll buttons are not pressed for a period of two minutes.
6. The Informer shall operate on a 9-volt alkaline DC battery.

B. Environmental Requirements

1. The equipment shall operate continuously without de-rating in ambient temperatures of 0° to 60°C (32° to 140°F).

C. Dimensions

1. The equipment dimensions shall not exceed 5.5" high X 3.6" wide X 1.125" deep.

End of Section