

**LCD MASTER DIGITAL DISPLAY PANEL- SOLR-RD80**  
Displays temperature and status indication with 80 characters (4x20) 1/4" high.  
Supplied with a 3' foot CAT-5 cable that connects directly to the EAGLE controller Data-Port\*.  
Housing dimensions are 4.33" (110mm) wide x 2.34" (82mm) high x 1.73" (44mm) deep.



**\* IMPORTANT NOTICE**

Do NOT attempt to connect any ETHERNET device or any other non-IMC devices to the RJ-45 DATA-PORT of any IMC CONTROLLER or accessory. This will result in damage to the connected equipment. Connect ONLY devices specifically designed by IMC Instruments to be connected to these ports.

An **IMC LCD MASTER DIGITAL DISPLAY PANEL** connects to the DATA PORT of an IMC Eagle controller. It has an RJ-45 jack and is supplied with a 3 foot long cable that can be substituted with a standard CAT5 cable up to 150 feet long. These ethernet cables are available at most "electronic" retail stores. The display panel also has a PEAK RESET button located on the side to reset previous STORAGE temperature peaks.

The Information listed here is for the Eagle 2 Differential Control. Other controllers will display as indicated in their respective instruction manual.

COLLECTOR TEMPERATURE  
STORAGE TEMPERATURE  
DIFFERENTIAL CONTROL SETTING  
HI LIMIT CONTROL SETTING  
PUMP STATUS  
UPPER LIMIT STATUS  
PEAK HI= MAXIMUM TEMPERATURE  
PEAK LO= MINIMUM TEMPERATURE  
AUXILIARY SENSORS 1 AND 2



**ACTUAL SIZE DISPLAY**  
when printed booklet size

This Master LCD has a second page that will display the auxiliary sensor temperatures. To display, press and release the PAGE/RESET button on the side of the display housing. The auxiliary sensors will be displayed within 2 seconds. To RESET the STORED PEAK temperatures of the storage tank, press and hold for 6 seconds the PAGE/RESET button. The current temperatures will appear after the button is released. The Master LCD display is updated every 2 seconds.

**SEE BACKSIDE FOR ADDITIONAL IMPORTANT INFORMATION**

**IMC INSTRUMENTS, INC.**  
**PRODUCT #: SOLR-RD80 & -BE**

**DESCRIPTION:**

REMOTE "LCD" DISPLAY WITH 4 x 20 CHARACTERS FOR USE WITH EAGLE 1, 2 & D1. NOT FOR USE WITH D2 OR "WEB" CONTROLLER.

USE THE 3 FT CAT-5 CABLE INCLUDED OR THE SAME TYPE UP TO 150 FT LONG. WHEN DISCONNECTING THE CAT-5 PLUG FROM THIS UNIT A SMALL SCREWDRIVER MAY BE REQUIRED TO DEPRESS THE LEVER ON THE CONNECTOR. DO NOT PULL THE CABLE WITHOUT PROPER LEVER RELEASE OR DAMAGE WILL OCCUR.

(-BE) OPTION INDICATES RJ-45 RECEPTACLE IS LOCATED INSIDE UNIT FOR BACKSIDE CABLE ENTRY. REMOVE COVER SCREWS TO ACCESS.

THIS PRODUCT IS DESIGNED FOR PERMANENT INSTALLATION. IF IT WILL BE USED AS A PORTABLE SERVICE TOOL, INSTALL A CLEAR STRONG SHEET OVER THE DISPLAY SIDE OF THE UNIT TO PROTECT THE LABEL WINDOW AND "LCD" FROM DAMAGE.

READ DISPLAY INSTRUCTIONS FOUND IN CONTROLLER'S SERVICE MANUAL OR VISIT OUR WEBSITE:

[www.imcinstruments.solar.com](http://www.imcinstruments.solar.com)

**DAMAGE CAUSED BY IMPROPER USE OR INSTALLATION WILL NOT BE REPAIRED UNDER WARRANTY.**

**LCD MASTER DIGITAL DISPLAY PANEL-**

SOLR-RD84 (very low power consumption)  
 Displays temperature and status indication with 80 characters (4x20) 1/4" high.  
 Supplied with a 3' foot CAT-5 cable that connects directly to the EAGLE controller Data-Port\*.  
 Housing dimensions are 4.33" (110mm) wide x 2.34" (82mm) high x 1.73" (44mm) deep.



**\* IMPORTANT NOTICE**

Do NOT attempt to connect any ETHERNET device or any other non-IMC devices to the RJ-45 DATA-PORT of any IMC CONTROLLER or accessory. This will result in damage to the connected equipment. Connect ONLY devices specifically designed by IMC Instruments to be connected to these ports.

An **IMC LCD MASTER DIGITAL DISPLAY PANEL** connects to the DATA PORT of an IMC Eagle controller. It has an RJ-45 jack and is supplied with a 3 foot long cable that can be substituted with a standard CAT5 cable up to 150 feet long. These ethernet cables are available at most "electronic" retail stores. The display panel also has a PEAK RESET button located on the side to reset previous STORAGE temperature peaks.

The Information listed here is for the Eagle 2 Differential Control. Other controllers will display as indicated in their respective instruction manual.

COLLECTOR TEMPERATURE  
 STORAGE TEMPERATURE  
 DIFFERENTIAL CONTROL SETTING  
 HI LIMIT CONTROL SETTING  
 PUMP STATUS  
 UPPER LIMIT STATUS  
 PEAK HI= MAXIMUM TEMPERATURE  
 PEAK LO= MINIMUM TEMPERATURE  
 AUXILIARY SENSORS 1 AND 2



**ACTUAL SIZE DISPLAY**  
 when printed booklet size

This Master LCD has a second page that will display the auxiliary sensor temperatures. To display, press and release the PAGE/RESET button on the side of the display housing. The auxiliary sensors will be displayed within 2 seconds. To RESET the STORED PEAK temperatures of the storage tank, press and hold for 6 seconds the PAGE/RESET button. The current temperatures will appear after the button is released. The Master LCD display is updated every 2 seconds.

**SEE BACKSIDE FOR ADDITIONAL IMPORTANT INFORMATION**

**IMC INSTRUMENTS, INC.**  
**PRODUCT #: SOLR-RD84 & -BE**

**DESCRIPTION:**

REMOTE "LCD" DISPLAY WITH 4 x 20 CHARACTERS FOR USE WITH EAGLE 1, 2 & D1, D2. NOT FOR USE WITH "WEB" CONTROLLER.

USE THE 3 FT CAT-5 CABLE INCLUDED OR THE SAME TYPE UP TO 150 FT LONG. WHEN DISCONNECTING THE CAT-5 PLUG FROM THIS UNIT A SMALL SCREWDRIVER MAY BE REQUIRED TO DEPRESS THE LEVER ON THE CONNECTOR. DO NOT PULL THE CABLE WITHOUT PROPER LEVER RELEASE OR DAMAGE WILL OCCUR.

(-BE) OPTION INDICATES RJ-45 RECEPTACLE IS LOCATED INSIDE UNIT FOR BACKSIDE CABLE ENTRY. REMOVE COVER SCREWS TO ACCESS.

THIS PRODUCT IS DESIGNED FOR PERMANENT INSTALLATION. IF IT WILL BE USED AS A PORTABLE SERVICE TOOL, INSTALL A CLEAR STRONG SHEET OVER THE DISPLAY SIDE OF THE UNIT TO PROTECT THE LABEL WINDOW AND "LCD" FROM DAMAGE.

READ DISPLAY INSTRUCTIONS FOUND IN CONTROLLER'S SERVICE MANUAL OR VISIT OUR WEBSITE:

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