INFO-PAC II OPERATION MANUAL

001AY01.USR R00

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ATTENTION

Weights & Measures requires the INFO-PAC II to be fully operational and available for use by inspectors at any given time. Keep the INFO-PAC II available at all times and store the unit in an appropriate location.

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1.0 Introduction

The INFO-PAC unit is used to monitor the status of KRAUS's "GENERIC AUTOMATIC TEMPERATURE COMPENSATOR" (GATC).

The GATC module can be field installed into a GILBARCO, TOKHEIM, or BENNETT electronic pump. When the module is installed the pump will be able to temperature compensate the fuel it delivers.

Using the INFO-PAC it is possible to display probe temperature, product flow rate, uncompensated volume, unit status and compensation type for each of two "sides" of a fuel pump. This information is required from time to time to check the operation of the module or to calibrate the pump.

The INFO-PAC is a hand held self contained unit that need not be directly connected to the fuel dispenser. It uses a beam of infrared light to communicate with the GATC electronic compensation module inside the pump.

2.0 Displaying Information

To obtain any information from the GATC module one must locate the transmitter LED on the pump, then press the A/B SELECT BUTTON on the INFO-PAC while aiming the INFO-PAC's receiver (located on the rear of the INFO-PAC) at the pump's transmitter.

As long as the INFO-PAC is within the pump's transmitter beam the display on the INFO-PAC will remain on steadily. While the display is "on" the information will be updated continuously by the pump so it will be possible to see instant temperature changes etc. as they occur on the pump. The update occurs about 2 times per second.

If the INFO-PAC is moved outside the range of the beam (about 1 foot) the display on the INFO-PAC will begin to flash and all data stored in the INFO-PAC will be "frozen". If the INFO-PAC remains outside of the beam for 20 seconds and the STEP button is not pressed it will automatically shut itself off to conserve battery power.

2.1 Using The A/B SELECT BUTTON

The A/B side select button has two functions. It is used to turn on power to the INFO-PAC. The first press of this button causes power up and the message "SIDE A" to be displayed.

The second function of the button is to select which side of the pump data is to be displayed. If the button is pressed a second time the message "SIDE B" is displayed. If the button is pressed a third time "SIDE A" will again be displayed. Thus this button allows one to select 1 of 2 sides of a pump for viewing.

Side A is always the left side of the pump and side B is always the right side of the pump. To display specific data about side A or B see the STEP button below.

2.2 Using The STEP BUTTON

The STEP button is used to "step" through a list of data that can be displayed about side A or B of a pump. Each time this button is pressed the next "data item" is displayed. The following list of data items can be displayed:

1) SIDE ID. (I.E. A or B)

2) PROBE TEMPERATURE (in degrees C to nearest 10th)

3) UNCOMPENSATED VOLUME (in litres to nearest 100th)

4) FLOW RATE (in litres per minute to nearest 10th)

5) SIDE STATUS (number from 0 to 7 as described below)

6) COMPENSATION TYPE (as described below)

Pressing and holding the STEP button will cause the INFO-PAC to continuously step through all data items.

2.3 Status Display

While the status data item is selected the display will show "STATUS n". Where "n" is a number between 0 and 7 with the following meaning:

STATUS	MEANING
0	Normal operation, no sale started
1	No sale started due to temperature probe fault
2	No sale started due to pulser fault
3	No sale started due to pulser and probe fault
4	Normal sale in progress
5	Shut down due to temperature probe fault
6	Shut down due to pulser fault
7	Shut down due to pulser and probe fault

2.4 Compensation Type Display

While the compensation type data item is selected the display will show "TYPE v.r". Where "TYPE" is a four character compensation type, "v" is a number between 1 and 9 which is the firmware version number of the particular GATC module being received from, and "r" is a number between 0 and 9 which is the revision level of the GATC firmware.

The compensation type can be any one of the following:

TYPE	MEANING
GAS	Gasoline fuel compensation
DESL	Diesel fuel compensation
PROP	Propane fuel compensation
OFF	Compensation disabled

Note that the compensation type can be different for each side of the pump. Jumper selections on the GATC module determine which type of compensation is set (if any) for each side of the pump (See GATC installation instructions). Note also that if the compensation is "OFF" the GATC unit will not show status 2,3,6 or 7. I.E. the unit will not detect or display defective probe status.

3.0 Maintenance

The INFO-PAC requires no regular maintenance other than replacement of the battery. When cleaning the unit use only a damp cloth and mild detergent. Never use abrasive cleaners as these will scratch the display lens. The unit is designed to be operated for short periods of time outdoors and will function over a temperature range of 0 to +45 degrees C. However, the unit must not be subjected to direct rain or snowfall and should not be stored in temperatures below 0 degrees C.

Care should be exercised in handling the INFO-PAC because dropping it on a hard surface from more than 3 feet will likely cause damage to the unit.

Do not remove the rear cover from the unit as it contains circuits that are extremely sensitive to damage from statically charged bodies. REMOVAL OF THE REAR COVER WILL VOID THE WARRANTY.

