OPERATING FEATURES

Display. Liquid crystal display (LCD).

Auto Zero. To select AUTO ZERO operation, press the ZERO pushbutton. Unit automatically returns to normal operation.

Manual Zero. To select MANUAL ZERO operation, press the SHIFT pushbutton followed by the ZERO pushbutton. Use the LEFT (3) and RIGHT (4) arrow pushbuttons to select digit. Use the UP (5) and DOWN (6) arrow pushbuttons to make fine adjustments as needed. Press the RESET pushbutton to clear the offset value. Press the SHIFT pushbutton followed by the ZERO pushbutton to return to normal operation.

Auto Relative.* To select AUTO RELATIVE operation, press the RELATIVE pushbutton. Unit automatically returns to normal operation. AUTO RELATIVE automatically turns the relative offset ON. Push again to turn OFF.

Manual Relative.* To select MANUAL RELATIVE operation, press the SHIFT pushbutton followed by the RELATIVE pushbutton. Press the LEFT (3) arrow pushbutton to turn offset ON. Press the RIGHT (4) arrow pushbutton to turn offset OFF. Use the LEFT (3) and RIGHT (4) arrow pushbuttons to select digit. Use the UP (5) and DOWN (6) arrow pushbuttons to make fine adjustments as needed. Press the RESET pushbutton to clear the offset value. Press the SHIFT pushbutton followed by the RELATIVE pushbutton to return to normal operation.

Auto Range. To select AUTO RANGE operation, press the SHIFT pushbutton followed by the RANGE pushbutton. Press the SHIFT pushbutton followed by the RANGE pushbutton to exit Auto Range mode.

Manual Range. To select MANUAL RANGE operation, press the RANGE pushbutton. Press the UP (5) and DOWN (6) arrow pushbuttons to select ranges. Press the RANGE pushbutton to return to normal operation.

Units. To select UNITS, press the SHIFT pushbutton followed by the LEFT (3) arrow pushbutton. Press the UP (5) and DOWN (6) arrow pushbuttons to select flux density readings in gauss, tesla or amperes. Press the SHIFT pushbutton followed by the LEFT (3) pushbutton to return to normal operation.

Hold. To select the HOLD operation, press the SHIFT pushbutton followed by the RESET pushbutton. Press the LEFT (3) and RIGHT (4) arrow pushbuttons to select between MIN HOLD, MAX HOLD, PEAK HOLD*, and HOLD OFF. In any mode press the RESET pushbutton to clear the held reading. Press the SHIFT pushbutton followed by the RESET pushbutton to return to normal operation.

AC/DC. To select either AC or DC mode, press the SHIFT pushbutton followed RIGHT (4) arrow pushbutton.

Analog Output.* To enable and disable ANALOG OUTPUT operation, press the SHIFT pushbutton followed by the UP (5) arrow pushbutton.

ON/OFF. Press the ON/OFF pushbutton to power the unit ON. To turn the unit OFF, press the ON/OFF pushbutton for 3 seconds.

SLEEP MODE. This feature turns unit the OFF after one hour of inactivity (i.e. user input, remote commands etc.) Press the SHIFT pushbutton followed by the ON/OFF pushbutton to enable and disable this feature. The battery
symbol and either ON or OFF will flash to indicate the state that has been selected. **FIRMWARE VERSION.** The firmware versions for the microcontroller and DSP may be displayed by pressing RESET for more than 1 second while in any normal operating mode. For example: r2.00 d2.00.

*5180 Model only

Figure 3-3
Operating Features
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