[**Expand**]   Pressing this key selects the Y Expand. The expand can be 1 (no expand), 10 or 100. If the expand is 10 or 100, the Expand indicator below the display will turn on. The output can never exceed full scale when expanded. For example, if an output is 10% of full scale, the largest expand (with no offset) which does not overload is 10. An output expanded beyond full scale will be overloaded.

Short Time Constant Limitations
A short time constant places a limit on the total amount of DC gain (reserve plus expand) available. If the time constant is short, the filter slope low and the dynamic reserve high, then increasing the expand may change the time constant. See the table of time constants and DC gains in the Gain and Time Constant section.