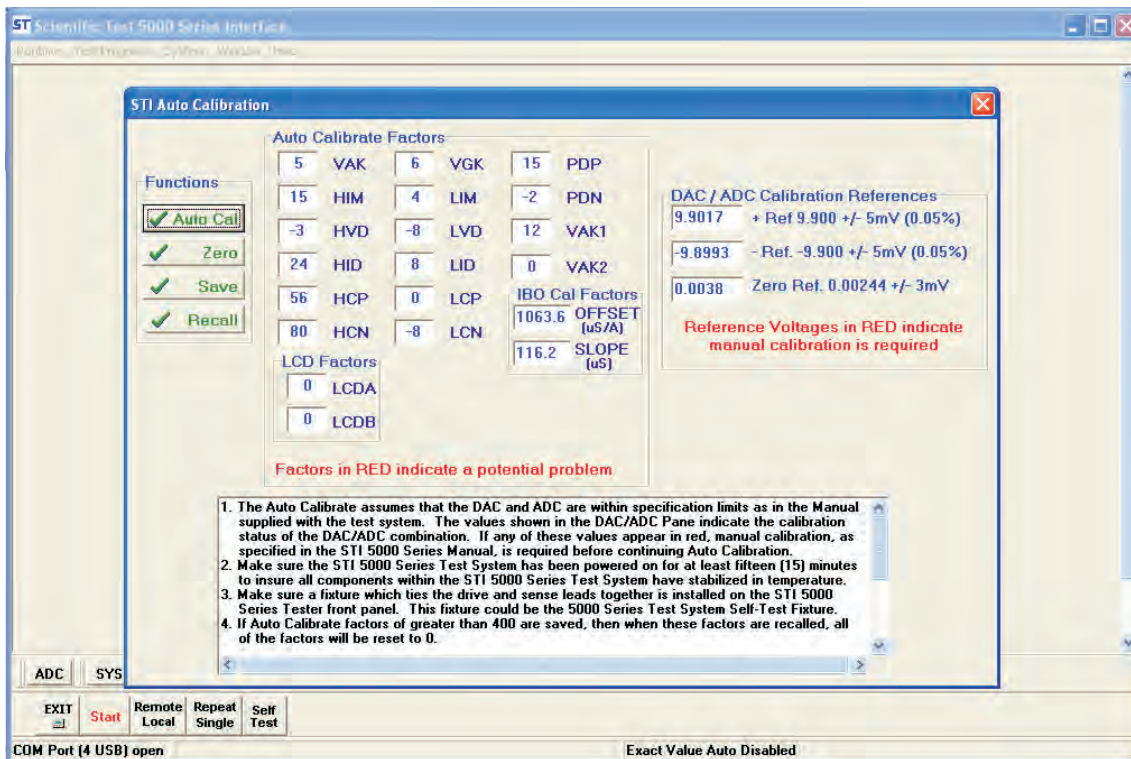


Diagnostics / Auto Calibration



The STI 5000 Series Tester provides extensive diagnostics for the mainframe, low current deck, multiplexer, Pin Programmable Scanner, and OVP/Gated OVP adaptor. These self test diagnostics are built into the tester code, and with the supplied self test fixture, can be run at any time.

In addition, the STI 5000 Series Tester has an extensive auto calibration procedure that provides the user the ability to track calibration trends, verify the DAC/ADC combination is functioning correctly, and supply calibration factors that will automatically correct the test result.