

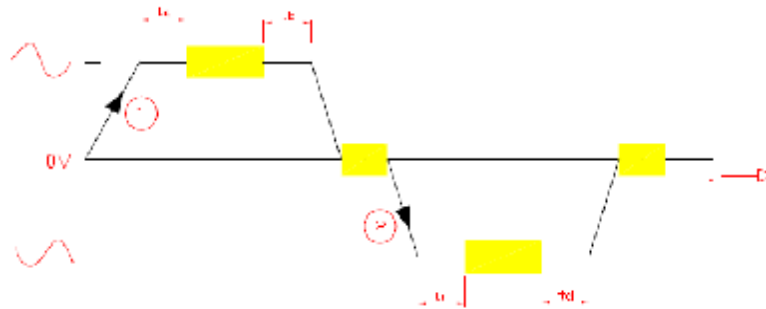
Title : Testing equipment sensitive to power breaks

When testing ME Equipment using an Automatic Safety Analyser, it is important that measurements are taken once the Device Under Test is fully operational and all parts of the device are active. To ensure this condition, the safety analyser must first power-up the DUT and delay the measurements until the right conditions are met.

The Rigel 277 plus and Rigel 288 have a unique Semi Automatic Mode that allows the user to manually control the power-up and power-down as well as manually starting the automatic test sequences once the DUT is fully operational. This means that not only the correct measurements are made but also ensures that the Rigel 277 plus / Rigel 288 provides sufficient time to power-down any device which is sensitive to in-proper power-breaks ie Ultrasound equipment and PC based ME Equipment.

Another feature of the Rigel 277 plus and Rigel 288 is the grouping of Single Fault Conditions which result in only two power-ups. This will significantly reduce test times on equipment with a long start-up time such as Dialyse and Imaging Equipment.

Below is a graph highlighting the Grouping of Single Fault Conditions (in Yellow) and the delays which are manually controlled by the User (t_a , t_b , t_c & t_d) and the time in which the safety analyser performs the automatic test routines.



For further information on this feature, please contact our Sales Department at sales@rigelmedical.com or phone us at +44(0)191 587 8730.

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