

## **TECHNICAL BULLETIN #08061203**

### **CHANGE OF RESET TIME**

THE USE OF THE MULTITRONIC RF-SAFE SELECTIVE PERFORATING SYSTEM AT LOW TEMPERATURES (-10°C / 14°F) HAS BROUGHT TO OUR ATTENTION THAT THE RESET TIME OF THE SOFTWARE IS NOT LONG ENOUGH WHEN THE SYSTEM IS EXPOSED TO THESE CONDITIONS.

THE COMPONENTS OF THE MULTITRONIC RF-SAFE SELECTIVE PERFORATING SYSTEM (SELECTRONIC SWITCH AND INITIATORS) HAVE CAPACITORS AS INTEGRAL PARTS OF THEIR ELECTRONICS. TO ALLOW THESE CAPACITORS TO DISCHARGE AND TO ALLOW THE COMPONENTS TO DROP INTO AN IDLE STATUS THE SOFTWARE ALLOWS FOR A RESET TIME AFTER EVERY COMMUNICATION. AT LOW TEMPERATURES THIS PRE-PROGRAMMED RESET TIME IS NOT SUFFICIENT TO ALLOW FOR THE CAPACITORS TO DISCHARGE. THIS WILL BE NOTICED BY THE USER BY WAY OF AN "UNEXPECTED CURRENT INCREASE" ERROR MESSAGE WHEN THE FIRST SWITCH IS ADDRESSED A SECOND TIME TO TEST THE SECOND GUN IN THE STRING.

THE SOFTWARE HAS BEEN MODIFIED IN SUCH A WAY THAT THE USER CAN EXTEND THIS RESET TIME. TEMPERATURE TESTS HAVE SHOWN THAT THE NECESSARY RESET TIME AT -10°C / 14°F IS 120 SECONDS.

TO CHANGE THE RESET TIME PLEASE START "REGEDIT" (START – EXECUTE) AND LOOK FOR THE FOLLOWING KEY:

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HKEY_CURRENT_USER \ Software \ ANTARES Datensysteme GmbH \ Multitronic \ Settings \ ResetTime
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HERE YOU CAN DEFINE THE RESET TIME IN HEXDECIMAL OR DECIMAL CODE. PLEASE USE DECIMAL. THE VALUE IS ENTERED IN SECONDS.

WE DO NOT RECOMMEND TO CHANGE THE RESET TIME UNLESS THIS IS ABSOLUTELY NECESSARY.

PLEASE CONTACT YOUR NEAREST DYNAenergetics REPRESENTATIVE FOR MORE INFORMATION OR IF YOU HAVE ANY QUESTIONS.

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