

18 JULY, 1994

BULLETIN.107

**CONFIDENTIAL**

## CP38-10 / EPROM SUMMARY

### WELD CPU EPROM SOFTWARE: (History of improvements)

- 38013 Added new arc failed test (applies to robotic applications only).
- 38014 Added software modifications to reduce 'Welding CPU Not Responding' occurrences related to certain batches of microprocessor.
- Added 'AUTO-OFF' feature - wire stops feeding after 30 seconds if no arc established.
- 38015 Added software modifications to improve reliability of 'Latch Mode'.
- 'AUTO-OFF' time reduced to 10 seconds.
- Added feature - in CC mode, the contactor function is not accidentally triggered if the arc length control is set to '+' when the power source is energised. The knob must be deliberately turned down and then up again to trigger 'Contactor On'.
- 38016 Software 'Over Current' trip limit increased.  
NOTE: This software contains a 'bug' whereby machine cannot be taken out of standby mode from the gun switch.
- 38017 Correct standby 'bug' as above.
- 38018 Added software to slightly boost the remote pendant signals, to ensure it is possible to reach full scale with all pendants on all machines.
- 38019 CURRENT SOFTWARE Corrects software affecting timing function used for printout option.



**GARY CHEESMAN**  
**PRODUCT MANAGER - EQUIPMENT**

QUALITY WELDING PRODUCTS, SYSTEMS & SERVICE