

Connecting the facelift P-METALWISE/45

(MetalWise 65A Plasma Cutter 220V IGBT Plasma Power Unit with CNC Mechanised Torch.)



The main change on the facelift model is the integrated connector for arc feedback and control signal.



On this new connector Pin 1 and 2 are used for the plasma signal. Connections are not polarity sensitive hence can be connected anyhow to the PLASMA connection on the

MetalWise Lite CNC Plasma/Flame Cutting unit. Use of solder is recommended for a robust connection

Pin 3 is +ve arc feedback which is connected to the red/brown cable of the ARC VOLTAGE cable while Pin 4 -ve arc feedback is connected to the Blue/black cable on the ARC VOLTAGE cable.



WARNING: Arc voltage is polarity sensitive and care should be taken not to connect in reverse. Best case scenario the arc insurance fuse will blow, worst case scenario one of the components on the PCBs will blow leading to costly replacement. If unsure of connection please whatsapp 0606006000 for further guidance.

The control connector is for the cable to the Torch height actuator. This cable comes with the connector already mounted.

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