



RIONFUSER and RIONFUSER ULTRA Features and Benefits

- Automatic internal self-test upon every start-up
- Controlled Output Power
- Output power variation is +/- 2% (compared to 5 to 7% with other units)
- 4 line, Backlit LCD Display indicates Coil Resistance, fusion time, ambient temperature, type of coil, power output, error codes
- Controlled Time cycle (2 minute base fusion time)
- External Temperature gauge-adjusts fusion time based on ambient temperature
- Internal memory keeps track of date, time, weld #
- PC interface capabilities.
- Optional memory module is available for in-field downloading of the Rionfuser's memory
- Readout indicates "successful weld" at end of fusion
- Machine will automatically remind the user when it is time for factory-recalibration (once every 2 years)
- The processor will not allow a user to fuse with a power supply that does not meet the voltage/frequency specs.
- The unit will automatically stop the fusion process if power input drops below minimum requirements.
- Highly Shock resistant
- Multiple Jointing capabilities (see chart below)
- External circuit breaker
- Self contained in easy to carry, rugged, suitcase style enclosure.

- Splash proof during operation.
- Wide range of supply voltage (97 to 150 VAC, 47 to 70 Hz, Sine or Square wave)
- Operating range of 0°F to 120° F
- No Warm up time-turn it on and immediately fuse
- No duty cycle.= Increased productivity
- Multiple Jointing Capabilities
- Remote start button located on output leads
- Automatic Dry Cycle-for drying wet joints
- Made and serviced in the USA
- Fast maintenance turn around times
- Light weight - 45 pounds
- One Year Warranty
- Rionfuser processor is upgradable to Rionfuser Ultra for large diameter sizes (12" - 18").



Memory Module allows user to download the processor's memory on-site and then send it to Orion for analysis of machine function, site conditions and fusion parameters for up to 1000 joints.