

## MEDICAL SHUTTLES

- **3KRF TECHNOLOGY** — Complete control of RF throughout the welding process. To limit die wear and arcing on most applications
- **PLCCONTROLLED**— Every parameter is controlled to limit operator error
- **PROGRAMSTORAGE**— Allows for user to easily change products by simply choosing new set of saved settings
- **PROTECTIVE GUARDING** — Using light curtains to protect operators and still make changeover easy
- **DATAACQUISITION**— Ability to collect data from weld and process parameters
- **SMALL FOOTPRINT**— Designed to minimize total floor space



### 3KRF TECHNOLOGY FEATURES

- Crystal oscillator technology that eliminates tubes and pre-calibration
- Minimal maintenance requirements and simple-to-master controls
- Improved welding precision and seam strength for higher quality and shorter cycles
- 97% power efficiency with greater control of power distributed to the welding area
- Lower power searing resulting in minimal arcing and more efficient tooling
- Standard 15- or 25-pin connectors, 300-watt to 20kW output power and variable frequency settings
- Can be configured for automatic or manual modes, offering the ability to pre-position capacitors and deliver high power motor drive circuitry for maximum reliability
- One-of-a-kind die protection system and auto tuning for easy use
- Automation friendly equipment that allows user to easily add RF to current systems

**3KRF is a leading source of the most innovative and effective Medical Shuttles on the market. We design, manufacture and sell medical solutions using 3KRF welding technology developed by our own in-house team of electrical, mechanical and RF engineers. The patented solid state technology of our 3KRF welding shuttle machine helps medical manufacturers operate faster and more efficiently.**