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- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

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Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

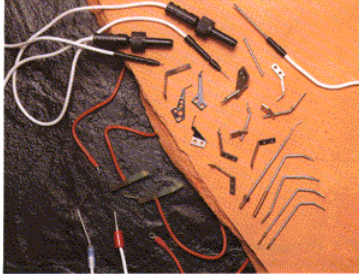
LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com



NEGATIVE EFO



Negative EFO	Constant Output	Max. Discharge Voltage	Wire Size (microns)	Output Current (mA)	Recommended EFO GAP (mm)
205	Current	1500-5000 (preset)	18-38	20	0.3-0.6
207	Current	2000-2800	20-50	50	0.2-0.7
207HV	Current	2000-6000	20-50	50	0.2-2
228-1	Current	2500	18-38	20	0.3-0.5
238HV		2000-5000 (variable)	50-100	150 (0.0-0.5) 200 (5.0-10.0)	0.2-2

Negative EFO

Reduction of cratering, better grain formation, and longer capillary life are just some of the benefits attributed to Uthe's Negative EFO unit. With closed loop current feedback and voltage feedback versions available, Uthe's Negative EFO provide precise and consistent ball size control.

- Reduces deterioration of bond capillary
- Automatic time control compensates for carbon build up on the torch
- Retrofittable for gold and copper applications

Negative EFO Torches

Used with ball bonders, the EFO torch acts as the cathode of a negative EFO system. Discharges ranging from 1500 to 6000 volts (depending on the EFO model). Carbon build up on the tool, increases the deterioration rate of the EFO torch which in turn lead to inconsistent ball formation.

Uthe's proprietary material prolongs torch life as compared to standard materials used by the industry. Available for Shinkawa, K & S, Kaijo and ASM bonders.



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