



Just Arc
PO Box 223 Dupont, Washington 98327
253-820-9722
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"if you're not making sparks...you're not making money"

ERAT GROUP OF ARC TIMERS AND ARC START COUNTERS



The "ERAT" family of arc timers and arc start counters are housed in weatherproof rated electrical PVC plastic boxes with metal hinged lids.

These compact devices weighing less than 24 oz fit in the palm of your hand. A robust 35# pull magnet on the back allows for safe and secure device placement in any welding environment.

With twenty-four different models to choose from we are sure you will find one to fit your needs. Models with our bolt on, clamp on and doughnut current sensors come with a standard four foot lead. Replacement sensors are available. Replacement meters are also available to maintain device in the field if necessary. Each device has a key protected reset to prevent "accidental" data erasure. All meters are keyed alike. Time is recorded in hours:minutes:seconds. Units may be used with Plasma and HF applications with our HF protection capacitor kit. This is denoted by the suffix -HF on any applicable part number.

Meters are powered by internal batteries that do not require any interface or power for your welding equipment. Simply attach the chosen sensor to your welding cable and place meter in a safe location and strike an arc, data will be recorded.

Battery life while advertised as being in excess of seven to years by the manufacturer, our meters often function well over fifteen years without any servicing of internal parts.

The following is an overview of the "ERAT" models we are offering at this time.



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ERAT-BK and ERAT-BK-HF



This environmentally resistant arc timer uses a unique bolt on current sensor, its compact design allows it to fit anywhere into your welding environment with minimal effort and without having to disconnect any welding cables.

Records weld arc time.

Housed in weatherproof rated electrical PVC plastic boxes with metal hinged lids. These compact devices weighing less than 24 oz fit in the palm of your hand. A robust 35# pull magnet on the back allows for safe and secure device placement in any welding environment. Each device has a key protected reset to prevent "accidental" data erasure. All meters are keyed alike. Time is recorded in hours:minutes:seconds. Units may be used with Plasma and HF applications with our HF protection capacitor kit. This is denoted by the suffix -HF on any applicable part number.

Meters are powered by internal batteries that do not require any interface or power for your welding equipment. Simply attach the chosen sensor to your welding cable and place meter in a safe location and strike an arc, data will be recorded. Battery life while advertised as being in excess of seven to years by the manufacturer, our meters often function well over fifteen years without any servicing of internal parts.



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ERAT-CK and ERAT-CK-HF



This environmentally resistant arc timer uses a non-conductive 4" clamp on style current sensor. This compact design allows it to fit anywhere into your welding environment with minimal effort and without having to disconnect any welding cables.

Records weld arc time.

Housed in weatherproof rated electrical PVC plastic boxes with metal hinged lids. These compact devices weighing less than 24 oz fit in the palm of your hand. A robust 35# pull magnet on the back allows for safe and secure device placement in any welding environment. Each device has a key protected reset to prevent "accidental" data erasure. All meters are keyed alike. Time is recorded in hours:minutes:seconds. Units may be used with Plasma and HF applications with our HF protection capacitor kit. This is denoted by the suffix -HF on any applicable part number.

Meters are powered by internal batteries that do not require any interface or power for your welding equipment. Simply attach the chosen sensor to your welding cable and place meter in a safe location and strike an arc, data will be recorded. Battery life while advertised as being in excess of seven to years by the manufacturer, our meters often function well over fifteen years without any servicing of internal parts.



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ERAT-DK and ERAT-DK-HF



This environmentally resistant arc timer uses a doughnut style current sensor. This compact design allows it to fit anywhere into your welding environment with minimal effort. The pass through sensor design keeps it where you put it.

Records weld arc time.

Housed in weatherproof rated electrical PVC plastic boxes with metal hinged lids. These compact devices weighing less than 24 oz fit in the palm of your hand. A robust 35# pull magnet on the back allows for safe and secure device placement in any welding environment. Each device has a key protected reset to prevent "accidental" data erasure. All meters are keyed alike. Time is recorded in hours:minutes:seconds. Units may be used with Plasma and HF applications with our HF protection capacitor kit. This is denoted by the suffix -HF on any applicable part number.

Meters are powered by internal batteries that do not require any interface or power for your welding equipment. Simply attach the chosen sensor to your welding cable and place meter in a safe location and strike an arc, data will be recorded. Battery life while advertised as being in excess of seven to years by the manufacturer, our meters often function well over fifteen years without any servicing of internal parts.



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Bravo Weld Current Sensor Installation and Operation

Just Arc weld current sensors are simple, reliable and inexpensive. Easily place in any welding system within seconds. They offer trouble free interface with your existing welding equipment without any modifications.

Bravo Sensor

This device allows easy installation without having to disconnect any welding cables. The potted sensor is attached to your existing welding cable using a bolt and cuff that isolate the sensor from stray magnetic triggering in the work environment. Weld current of 60 Amps DC or greater will activate the sensor. Low current applications or erratic readings are easily be addressed by placing one or two loops in weld cable.





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Clamp-On Weld Current Sensor Installation and Operation

Just Arc weld current sensors are simple, reliable and inexpensive. Easily place in any welding system within seconds. They offer trouble free interface with your existing welding equipment without any modifications.

Clamp On Sensor

This device allows easy installation without having to disconnect any welding cables. The non-conductive four inch clamp style sensor is simply attached to your existing welding cable. Weld current of 90 Amps DC or greater will activate the sensor. For use with low current or erratic results place a loop in the weld cable.





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Doughnut Current Sensor Installation and Operation

Just Arc weld current sensors are simple, reliable and inexpensive. Easily place in any welding system within seconds. They offer trouble free interface with your existing welding equipment without any modifications.

Doughnut Sensor

This device is installed by passing a cable through the weld current sensor aperture that has a one and one quarter inch diameter hole. This feature also helps keep the arc timer where you want it to be as well as excellent protection from false triggering. Weld current of 40 Amps DC or greater will activate the sensor. Lower current or erratic signals can be addresses by placing a loop in the current sensor.

