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TC-WELDER Thermocouple Welder

- Powered by 110vac, 220vac or with Built-in Battery (Similar Looking Competitive Models Accept only 110/220 vac)
- Easy to Use Even with No Prior Experience Making Thermocouples
- Produce Commercial Grade Thermocouples
- Economically Priced with a Complete Feature Set
- Can be Used With or Without Argon Gas
- Includes All Accessories



Don't be fooled by the low price, the IOThrifty TC-WELDER is a full featured spot welder used for making thermocouples. We have seen welders advertised at three to four times the price with a less impressive feature set. With the TC-WELDER thermocouple welder you can create professional welds even with no prior experience. The TC-WELDER is easy to use; just grasp your thermocouple leads together with the included welding pliers and touch the thermocouple leads to the carbon electrode to make a professional thermocouple weld.

Weld with or Without Argon Gas

Argon gas is optionally used during the welding process. The Argon gas acts as a shield isolating the weld from the atmosphere. The welder can be used with or without Argon gas. To use Argon gas, connect the gas line to the back of the welder and manually apply the gas using the included foot switch. The welder also has an AUTO mode which will apply the Argon gas automatically when the weld is made.

Powered by AC or Battery (Most Competitive Models Accept only AC)

The welder comes with power options. It accepts 110vac or 220vac. Included with the welder is a 110vac power cord but a standard 220vac cord may also be used. The welder also contains an internal battery which is charged by the ac power. When disconnected from the ac power the battery power can be used to make weld after weld.

Contact IOThrifty for any questions you have on the use of this product or any of your other process measurement needs.

LED Heat Indicator for Repeatable Results

The LED Heat indicator on the front of the TC-WELDER allows you to set the power used for the weld. This visual indicator makes it easy to adjust the power for different wire sizes and wire types in order to provide consistent and repeatable welds.

Includes Everything You Need to Get Started

The TC-WELD includes all of the accessories you need to start making thermocouple welds. It includes, welding pliers, protective eye wear, welding clamp, foot-switch, spare carbon electrode and a 110vac power cord. Thermocouple wire and Argon gas is not included.

To Order

PART #	DESCRIPTION
TC-WELDER	Thermocouple Welder

SPECIFICATIONS

Power: 90-260Vac 50/60Hz, Also operates from internal rechargeable battery

Size: 280 X 238 X 90mm(11 X 9.4 X 3.5in)

Weight: 4.7kg(10.4lbs)

Wire Gauge: welds wire as large as #16 gauge and as small as #30 gauge

Argon Connector: Push-in style fitting, accepts 6mm tubing

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