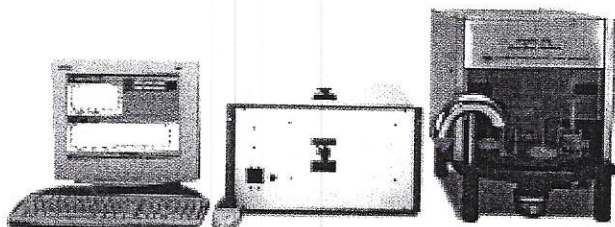
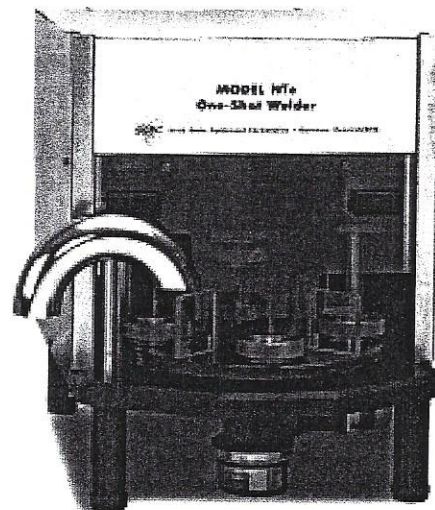


Model NTe One-shot Welder

The Model NTe is an easy-to-use, fully digital, one-shot welder for all your TO and platform packages. Combining the latest advanced technology with complete parameter control via PC, the NTe is a compact, powerful sealing solution that can help improve productivity. What's more, it's the ideal complement to the Model 2300 line of parallel seam sealers. The advanced technology of the Model NTe is reflected in these features that make it a high quality sealer with low facility impact:

- Programmable pulse voltage and pulse width allowing optimization of weld energy
- Over 5,000 joules stored sealing energy
- Compact power supply, requiring only a single 208 V 15 A service
- Programmable squeeze pressure
- Programmable charge voltage to ensure sealing of small or large packages
- Familiar, convenient Windows-based software



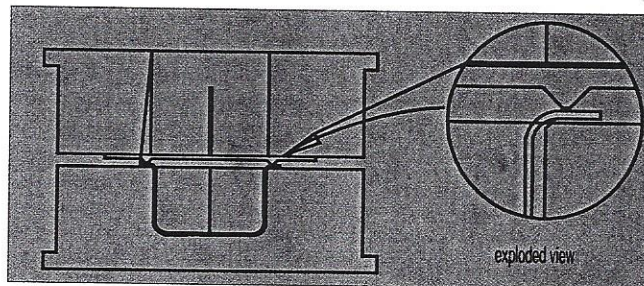
The Model NTe one-shot welder is a powerful sealing tool for TO and similar packages, that can be integrated into your manufacturing facility to add another dimension to your sealing capabilities.

One-Shot Welding

The resistance welding process involves the fusing of metals caused by the thermal energy generated by the passage of current. In one-shot welding the current passes through both the lid of the package and the base, across the weld interface.

Packages to be sealed by this process, such as the TO type, are designed with a projection band. Current is concentrated by this narrow band, with the resultant high current density generating the thermal energy necessary for the weld.

Weld splatter can be a problem unless precautions are taken in package design and material selection. Since one-shot welding depends on the passage of current through both base and lid, the technique is suitable only for all-metal packages and lids.



The Model NTe gives a fast, high quality seal on metal packages with shapes designed for one-shot welding.