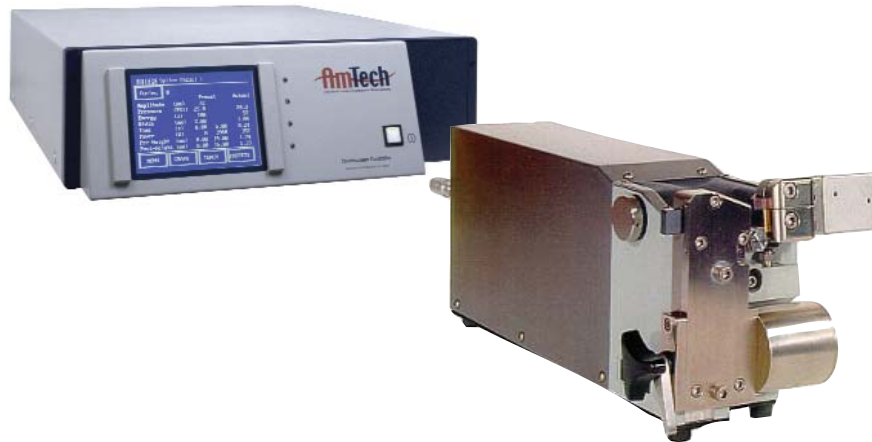


Maximum quality and reliability at a reasonable price.



**AmTech's Terminators** are heavy-duty systems, providing economy, high productivity, quick tool changes, and the highest quality splices from one to thirty square millimeters in cross-sectional area of wire.

- A fully automatic wire gathering mechanism makes operation and maximum productivity easy.
- Infinite weld size adjustments can be made with precise digital settings.
- The patented quick-change tooling has multiple weld surfaces that can produce millions of splices at minimum cost.
- The low profile, rugged actuator can be bench mounted or easily incorporated into a wire splice station on an assembly line.
- Controls are simple and operator-friendly.

The Advanced Terminator automatically compensates for line voltage variations of  $\pm 15\%$ .

### Advanced Process Control

Maintaining process control and high quality standards is vital in every industry. For this reason, AmTech has developed an advanced control system for wire splicing. The AmTech Ultrasplice features an advanced microprocessor control that monitors the weld cycle through a power feedback signal. The power in Watts applied to the weld is integrated over the weld time to determine the total energy applied. This automatically adjusts the weld cycle to produce perfect quality welds, regardless of wire variations.

Control limits can be preset on weld time, power, and height. If any splice falls outside the preset limits, a signal alerts the operator to isolate the suspect assembly.

1000 preset splice parameters can be stored in the controller's memory, and instantly recalled to facilitate setup and eliminate operator error.

**AmTech**

## Patented Tooling Advantages

A large target area makes wire placement easy, increasing productivity. A foot switch activates the fully-automated tool, which quickly gathers the wires and compacts them into the welding area.

The weld tip can be changed in under three minutes, saving substantial labor hours and down time. Each side of the tip's patented multi-face design is configured as a weld surface capable of producing millions of splices before a low cost replacement is required.

