



Features	Benefits	Reasons
High-pressure Injection	You will get a consistent, high quality weld, even if you don't have a lot of expertise.	Drader's hot tip prepares the parent material for a pressurized shot of molten welding rod. The shot of molten rod physically mixes with the melted parent material. The result, when cool, is a high quality weld.
Measured Shot & Consistent Pressure	You can apply the right pressure on the welding rod and have a high quality weld every time.	Welding rod applied at a proper and consistent pressure makes a quality weld. The Injectiweld takes care of these details by reliably delivering a measured shot of molten welding rod.
Heated Tip	Save time and save money.	Drader's hot tip melts the parent material in a precise area. As it melts the plastic, the injection point of the tip sinks below the surface of the plastic and below the layer of oxidation. Therefore, there is no need to take time and scrape away the oxidization layer on top of the plastic unless heavy contamination exists.
Interchangeable Tip	Your welder can perform many tasks.	Make fillet welds, spot welds, tack welds and butt welds just by changing Drader's tip. Fill voids; add flanges and fittings; make models, prototypes, and repair plastic. Weld bead sizes range from 1.5 mm (1/16") to about 13 mm (1/2").
Variable Temperature Setting	You have a versatile welder that can weld a great variety of thermoplastics.	The Injectiweld has a temperature range of between 200 and 300°C (390 - 575°F). Set the tip temperature to the optimal weld temperature of the plastic material to ensure a proper melt and a high quality weld.
Radiant Heat vs. Hot Air	Weld thin parts with greater ease.	Hot air may deflect over a considerable area and warp thin plastic. Injectiweld has a localized heating area, and therefore welding thin parts is easier.
One Hand Operation	You can operate the welder with one hand and have a free hand to hold the plastic parts.	It is easy to use and is efficient. It is often necessary to hold parts while welding them together, so you can speed up the entire welding process since you may not have to clamp or tack the part before welding.
Compact Size	You can weld in confined spaces.	Injectiweld's one-handed operation and compact size allows greater range of movement in confined spaces an areas often inaccessible to other welders.
Compressed Air	You can weld a wide range of materials.	The Drader Injectiweld uses compressed air to move a piston back and forth. Compressed air provides the appropriate pressure for welding materials with different physical properties.
One Size of Welding Rod	Reduce inventory and save storage space.	Rod diameter remains constant. Drader's interchangeable tips control weld bead size.