

E-Z Weld 4.0 Plastic Welder 6080

The simple solution to plastic welding.

The 6080 E-Z Weld 4.0 Plastic Welder combines an advanced, digitally-controlled hot air plastic welder with a traditional airless plastic welder. By combining these welders in one package, it allows you to make quality welds to virtually any automotive plastic. The kit comes with everything you need to become immediately productive, making fast, strong plastic repairs. Simply connect a compressed air or nitrogen supply and a 120V power source and the welder is ready to use.

The E-Z Weld 4.0 is designed to be used with compressed air, but it can be used with a 6066 Nitrocell nitrogen generator to make the strongest possible welds.

The E-Z Weld 4.0 welder exemplifies simplicity of welding through technology. A precision control regulator is combined with digitally encoded temperature controls and a flow gauge to give you the ultimate control over how much gas is used in the welding process. To extend heating element lifespan, a low-pressure safety switch is incorporated into the system, shutting off the power to the heating element if the air flow drops too low.

The integrated airless welder is ideal for smoothing out welds, repairing thermoset polyurethane, and adding reinforcing mesh to welded thermoplastic parts.



Features:

- Easy-to-use digital controls
- Analog flow gauge for repeatable performance every time
- Element protection circuitry detects low pressure and shuts power off automatically if the pressure drops below the set-point to help prevent burning out heating elements
- Precision flow regulator for fine welding gas control
- Compact, easy-to-handle welding torch gets into tight spots with no user fatigue
- Melt-proof silicone & fiberglass braided hot air welder hose
- Integrated airless welder control to allow for repair of thermoset PUR
- Easily replaceable heating elements
- Heavy-duty, made-in-USA enclosure for maximum durability

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Customer Support:
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Benefits:

- **Speed:** Complete repairs in a fraction of the time of 2-part adhesives. Weld 4 to 6 inches per minute, then immediately finish, prime, and paint. No waiting for adhesives to cure.
- **Versatility:** Do repairs that are not possible with adhesives. Mounting tabs (thick or thin), grille bars, high-stress areas, flexible tabs, and fender liners. Not just for automobile plastics.
- **Cost Savings:** An average 6 inch repair costs less than \$2.00 when welded. With a 2-part adhesive, you pay more than that just for the mixing tip! The total cost of the same size adhesive repair can be over \$40.00!
- **Ease:** Repairs are simple to do. Your techs already have the skill set, with this they have the tools.
- **Estimating Options:** Gives you more flexibility in the estimating process. Save total losses. Get an edge on the competition. A bargaining tool with insurance adjusters.
- **Keep Profits in Your Shop:** No need to replace bumpers, headlights, and other plastic parts. Keep the labor dollars in-house.
- **Blend in the Panel:** Repair the damage to the bumper and blend the color in the panel. Avoid the risks and costs involved with blending into the undamaged fenders.
- **Insurance Relations:** Show you are on the side of cost savings while increasing your profits at the same time. Do a QUALITY repair, become an ally of the adjuster, lower cycle times, and help drive additional work to your shop.
- **Create Loyal Customers:** 25% of a shop's business is customer pay. Save them money on the small hits and they will return to your shop with the big hits.
- **Avoid Fit Issues:** Why put on an aftermarket cover when you can easily repair the OE?
- **Plastic Use to Grow:** The amount of plastic parts on cars will continue to grow. This means more repair opportunities.
- **Factory Support:** Plastic is what we do at Polyvance. For over 30 years we have been the leader in product development and problem solving. We have the proven products you need from start to finish. Plastic repair doesn't have to be difficult.
- A nitrogen generator can also be connected directly to the welder for making the best possible welds. A generator can also be used to air tires or supply gas to other apparatus requiring nitrogen.



Contents:

6080	E-Z Weld 4.0 Plastic Welder
6124WB	Stainless steel tip cleaning brush
6012-P	Airless welder
6027HT	Tube welding tip
6031	Flat tear drop welding tip
6050-NR1	Standard hot air welding tip
	Welding rod assortment
	Instructional DVD

Electrical Specs:	120VAC/60Hz - 750 Watts
Shipping Weight:	21 lbs (9.5 Kg)
Shipping Size:	15 in (L) X 16 in (W) X 14 in (H)
	38.1 cm (L) X 40.6 cm (W) X 35.6 cm (H)

Optional:
6066
Nitrogen
Generator



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