

Nitro Fuzer Lite Plastic Welding System 6049-C

The best economical solution to nitrogen plastic welding.

The 6049-C Nitro Fuzer Lite Plastic Welding System combines a simplified nitrogen welder with a traditional airless plastic welder. By combining these welders into one package, it allows you to economically make nitrogen welds to virtually any automotive plastic.

The Nitro Fuzer Lite is designed to be used with compressed air and a nitrogen bottle to make the strongest possible welds, or it can be used with the optional 6066 Nitrocell nitrogen generator for a limitless supply of nitrogen.

Unlike some competitive products, the 6049 features precision flow control so the user can match the flow and temperature to substrate types and thicknesses. The flow and temperature can be reduced to a very low point in order to weld thin, fragile substrates, something others cannot do. However, when welding very thick substrates and needing a little extra push, the temperature and flow can be increased greatly, to allow more heat to be transferred to the weld.

A flow gauge gives the welder a repeatable reference 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 below a safe level.

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



Made in USA

Features:

- Simple controls
- Flow gauge for repeatability
- Automatic low-flow safety switch
- Precision flow control
- Compact, easy-to-handle welding torch gets into tight spots with no user fatigue
- Melt-proof silicone & fiberglass braided nitrogen 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
- Heavy-duty welding cart (assembly required)

Polyvance
ADVANCING POLYMER REPAIR

Customer Support:
Toll Free: 800-633-3047
Phone: 256-638-4103
www.polyvance.com



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 install 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.



Contents:

6049	Nitro Fuzer Lite 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
7002	Welding cart (assembly required)
6056-07	Nitrogen bottle regulator
2045W	Stainless steel reinforcing mesh
R01-01-03-NT	Urethane, 1/8" dia., 15 feet, natural
R02-01-03-NT	Polypropylene, 1/8" dia., 15 feet, natural
R02-04-03-NT	Polypropylene, 3/8" x 1/16", 15 feet, natural
R02-05-03-NT	Polypropylene, 5/8" x 1/16", 15 feet, natural
R02-07-03-NT	Polypropylene, 13/64" x 1/16", 15 feet, natural
R02-08-03-NT	Polypropylene corner rod, 1/4" x 1/4", 15 feet, natural
R03-01-03-WH	ABS, 1/8" dia., 15 feet, white
R04-01-03-NT	Polyethylene, 1/8" dia., 15 feet, natural
R05-01-03-GY	TPO, 1/8" dia., 15 feet, gray
R06-01-03-NT	Nylon, 1/8" dia., 15 feet, natural
R07-01-03-NT	Polycarbonate, 1/8" dia., 4 feet, natural
R10-04-03-BK	Fiberflex universal rod, 3/8" x 1/16", 15 ft., black

A nitrogen generator can be connected directly to the welder for making the best possible welds. A nitrogen generator will eliminate the possibility of running out of nitrogen, plus it will eliminate the inconvenience and cost of renting and filling nitrogen bottles. The nitrogen produced can also be used to air tires or supply gas to other apparatus requiring nitrogen.

Electrical: 110VAC/60Hz - 750 Watts

Polyvance
ADVANCING POLYMER REPAIR

Customer Support:
Toll Free: 800-633-3047
Phone: 256-638-4103
www.polyvance.com

Optional:
6066
Nitrogen
Generator

