GLASS TECHNOLOGY Inc.

Maxim
2011-2012

Quality Windshield Repair Tools

gtglass.com

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The Ultimate Windshield Repair Technology

The Maxim™ windshield repair system with PRISM™ technology is the latest advancement in machine-based repair systems invented by Glass Technology over 25 years ago. More powerful and versatile, yet smaller than previous models, this innovative new system easily outperforms other hand-operated products to repair all types of complex breaks.

Superior Performance Patented PRISM™ Technology

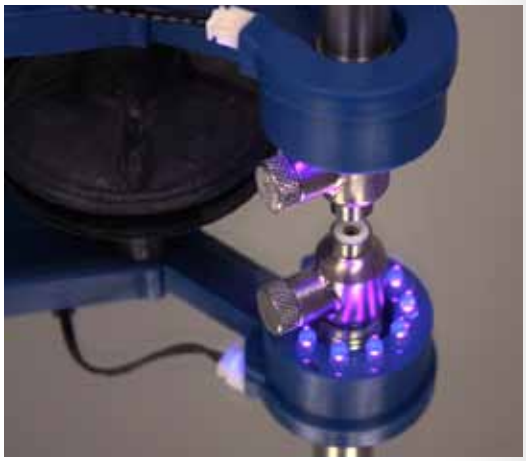
Every experienced windshield repair technician knows that when a windshield breaks, air becomes trapped in the glass upon impact. Effectively evacuating that trapped air is the most important factor in determining the quality of the repair. The Maxim gives you the power, reliability, and precise control you need to remove 100% of the air and successfully repair all types of breaks.

Glass Technology's patented Pre-Resin Injection Suspension Method (PRISM) technology, is revolutionizing the glass repair industry by dramatically reducing repair time and raising repair quality to a whole new level. This breakthrough technology is available only through Glass Technology.

- The Maxim allows the resin to be held off the glass in a special suspension chamber while maintaining a vacuum. Once the resin has been released, a precise pressure can be applied; resulting in a perfect repair.
- The Maxim uses an industrial-grade reciprocating pump powered by an internal, rechargeable battery to maintain a near-perfect vacuum for as long as you require.
- The Maxim enables you to instantly cycle between vacuum and pressure to create a pulsing effect that quickly removes all of the trapped air even in complex breaks. Hand operated systems cannot duplicate this pulse technique.
- The Maxim's precision-built, vacuum-pressure gauge gives you exact control of each cycle. You can set specific vacuum levels during the vacuum cycle and accurately adjust for each type of break. When pushing resin into the break, you can set the exact pressure required for that break and eliminate the risk of glass breakage common among other products.

Upgrade your Maxim System with the Advanced Diamond BluWave™ Ultraviolet Curing System

Why use a Diamond BluWave curing system? Traditional curing methods use low intensity, low wattage florescent bulbs that produce very weak ultraviolet output. Most if not all windshield repair resins require ultraviolet light to create the cross linking and cross hatching that allow UV polymer molecules to bond to the glass as well as each other. If a low output or low intensity light source is used, the result will be a slow curing process and the cross linking that produces stronger more cohesive adhesion properties will be adversely affected. The Diamond BluWave is a high intensity UV curing process which insures proper cross linking and cross hatching, which results in a stronger and faster cure.



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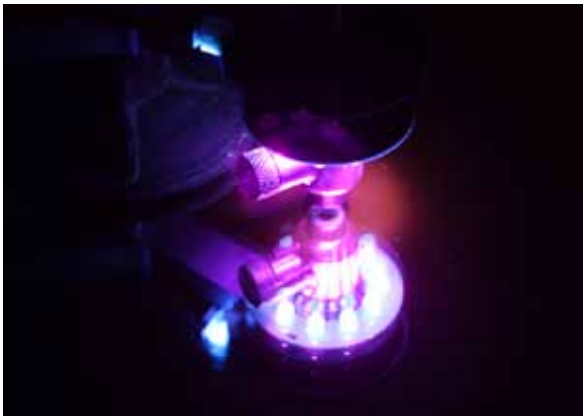
Not only faster, the Diamond BluWave's concentrated light source can focus the most intense part of the light on the repair area, compared to a traditional fluorescent bulb which reflects the light using a simple polished metal mirror reflection.



The Diamond BluWave system incorporates special high intensity light emitting diodes (LEDs) to direct the specific UV wavelength needed to cause the molecules to stimulate, thus generating the energy needed to produce the chemical reaction required to initiate the curing process.

The high intensity LEDs are positioned to completely surround the damaged area being repaired. This unique design allows the technician to cure the repair while under pressure and still maintain physical and visual contact with the area being repaired. No other curing system can do this.

The technician can have complete control when he wants to cure and can do so without removing the injector and exposing the repair to air that can reenter the newly repaired area. These engineering improvements will ensure that you can perform a repair which not only conforms to the Repair of Laminated Auto Glass Standards (ROLAGS), but exceeds all existing requirements.

Why cure under pressure? Small, sometimes invisible air pockets exist even after several vacuum cycles. Despite the best efforts of even the most experienced technician, air pockets can remain in the repair area. Because air compresses very easily and liquids (resin) do not, the pressure applied to force the resin into the break fully compresses those tiny air pockets and they become invisible to the naked eye. Curing the repair while under pressure will ensure a perfect repair every time. Additionally, it forces more resin into the damaged area which improves the overall strength and effectiveness of the repair.

Glass Technology is leading the way through innovation. Diamond BluWave in concert with PRISM technology will consistently produce the best and strongest repairs possible. We challenge any company to prove otherwise. If you want to produce better repairs than you ever have, the intense Diamond BluWave curing system is for you. This patent pending technology is exclusively manufactured by Glass Technology.

Highest Quality Components and Design

Every part of the Maxim System is of the highest quality construction and design:

The Maxim uses a high quality stainless steel injector that features a high-pressure chamber design, machined to strict tolerances—one thousandth of an inch. Other hand-operated systems on the market use plastic parts and/or complicated multiple chambers and produce inconsistent vacuum or none at all! We are so confident in our injector that we back it with a lifetime warranty against defects.

The Maxim operates through an internal rechargeable power source allowing unlimited mobility. This self sustained power allows for easy operation from special 12v sockets that access the internal battery to power drilling and UV curing. The drill's adjustable speed gives you more control, reduces the potential for glass damage, and increases drill bit life.

The Maxim's case provides fingertip access for ultimate efficiency and convenience. Its foam insert provides a compartment for every tool and for the machine itself.

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The Maxim comes with the world's best resins. Diamond Clear resins are specially formulated to provide the correct viscosity (thickness) and maximum durability. They flow easily into the tightest cracks and produce a bond stronger than the original windshield. With the same refractive index as glass, these resins yield optically clear results that are nearly undetectable to the human eye. All Diamond Clear resins have been tested to British Standard Institute (BSI) Standards to insure quality, visibility, clarity, durability, and strength.

Free Factory and Satellite Training

Glass Technology's commitment to your success goes beyond selling you the best equipment in the industry. When you purchase a Glass Technology system, you receive free hands-on factory training with your new system at our facility in Durango, Colorado. If business travel is not a current option for you, learn from the convenience of your home, office or shop with our satellite training program. All you will need is an internet connected computer; it is the next best thing to being present in our training room!

- Our certified technicians will instruct you how to repair all types of windshield damage.
- You'll learn all the tricks of the trade so you can perform superior repairs that will be the envy of your competitors.
- Free hands-on factory or satellite training can give you the head start you need to generate revenue quickly with your new Glass Technology system.

Free Technical Support

At Glass Technology, support is always there, whether you are in the middle of a repair and need immediate help or you need an opinion on your next advertising campaign. Call us anytime between 8:00 a.m. and 5:00 p.m., Mountain Standard Time (MST), Monday through Friday, and you will find that the Glass Technology support team is here to help you.

When you purchase a Glass Technology system, we make a commitment to deliver leading edge technology and innovation to you backed by the best training and support in the industry. This commitment is what creates market leaders, produces success, and generates superior solutions for you and your customers. Our goal is to keep your customers coming back and insure a successful future for your business.

In addition, Glass Technology also includes your company in our national referral program which allows your customers to easily and effectively search for your business. Experts choose Glass Technology systems to get professional results.

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