



Lens Gard™ Hard spray bottle is not included in the system

BPI® PulseSonic™ System The Low Cost Scratch Protection System

Make your own scratch protected lenses for just pennies! The BPI® Molecular Catalytic™ PulseSonic™ System increases scratch protection up to 300% on plastic, hard coated, glass and polycarbonate lenses.

The durable scratch resistance is long-lasting and can be applied to all lens materials. Guaranteed to improve scratch protection on coated, uncoated, and glass lenses. Until now there has not been a coating that could be easily applied to all types of lenses to make them more scratch resistant and easier to clean.

Treat the lenses with the PulseSonic™ System. The process quickly drives the unique molecular diamond-like structure onto the lens for long term protection. No heating or baking!

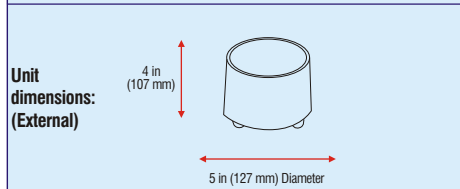
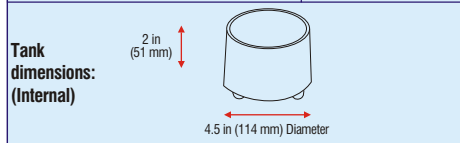
Dispense to the patient with spray bottles of BPI® Lens Gard™ Hard or BPI® Lens Gard™ AR for weekly maintenance of scratch protection.

Have your patients bring in their lenses for yearly one minute reinforcement of scratch protection.



BPI® PULSESONIC™

	BPI# 109511 (110v)	BPI# 209511 (220v)
Tank capacity:	0.5 pint	236 ml
Weight:	5 lbs	2.26 kg
Amperage:	1 amp	UL® listed components. Meets/exceeds CE standards.
Fuse:	2 amp	
Peak power:	25 watts	



Set-up kit: Beaker, manual, lens holder, 1 pint BPI® Lens Gard™

Options:
BPI# 50704 BPI® Lens Gard AR™, 1oz (29.5 ml)
BPI# 50706 BPI® Lens Gard Hard™, 1oz (29.5 ml)



BPI®'s atomic molecular chemistry makes hard coated and anti-reflection lenses up to 250% more scratch resistant and easier to clean in about a minute!

The unique molecular diamond-like structure of BPI® Lens Gard™ is a sacrificial protectorant that reduces lens scratching. BPI® Lens Gard™ works on all types of A/R coatings, even works on coated and uncoated plastic lenses.

The molecular diamond-like structure of BPI® Lens Gard™ will never harm a lens or a frame. It chemically bonds at room temperature, creating an invisible atomic protective barrier that resists scratching and also prevents water and oxygen penetration of the surface of the lens. BPI® Lens Gard™ contains absolutely no alcohols or other solvents that may cause any kind of allergic reactions.

TRY THIS TEST!

TAKE A PIECE OF GLASS

SPRAY A SECTION WITH
BPI LENS GARD™
& POLISH DRY

SCRATCH THE SURFACE
WITH ANOTHER
PIECE OF GLASS



THE SCRATCHES WILL NOT APPEAR IN THE PROTECTED AREA



BPI# 50704 Lens Gard™ AR 1 oz 29.5 ml
BPI# 50706 Lens Gard™ Hard 1 oz 29.5 ml

BPI® Lens Gard™ AR is a semi-permanent atomic molecular coating that the patient applies once a week. A sacrificial layer protects the AR coating from surface oxidation, scratches and daily wear. Guaranteed to make AR coatings easier to clean and longer lasting. **For hard coated lenses use BPI® Lens Gard™ Hard.**

UP TO 300% IMPROVEMENT IN SCRATCH RESISTANCE AS MEASURED BY THE DR. WERTHEIM & DR. MOORE ABRASION TEST

LENS MATERIAL	ALL TESTS ARE REFERENCED TO AN UNCOATED LENS MADE FROM CR-39™ ONOMER								Average improved abrasion resistance compared to uncoated CR-39*	Range of variation (% points)	
	+50%	+100%	+150%	+200%	+250%	+300%	+350%	+400%			+450%
CR-39 UNCOATED	With sprayed/wiped on BPI® Lens Gard™ Hard	[Bar chart showing improvement]								+30%	± 10
	With BPI® PulseSonic™ applied BPI® Lens Gard™ ULTRA HARD™	[Bar chart showing improvement]								+110%	± 12
CR-39 HARD COAT	Typical hard coated lens	[Bar chart showing improvement]								+230%	± 45
	With sprayed/wiped on BPI® Lens Gard™ Hard	[Bar chart showing improvement]								+415%	± 60
	With BPI® PulseSonic™ applied BPI® Lens Gard™ ULTRA HARD™	[Bar chart showing improvement]								+444%	± 90
LENSES FROM TRANSITIONS™ OPTICAL INC.	With sprayed/wiped on BPI® Lens Gard™ Hard	[Bar chart showing improvement]								+35%	± 22
	With BPI® PulseSonic™ applied BPI® Lens Gard™ ULTRA HARD™	[Bar chart showing improvement]								+75%	± 45
	With BPI® PulseSonic™ applied BPI® Lens Gard™ ULTRA HARD™	[Bar chart showing improvement]								+284%	± 50
GLASS	Glass lens	[Bar chart showing improvement]								+206%	± 30
	With sprayed/wiped on BPI® Lens Gard™ Hard	[Bar chart showing improvement]								+214%	± 25
	With BPI® PulseSonic™ applied BPI® Lens Gard™ ULTRA HARD™	[Bar chart showing improvement]								+321%	± 75