

EDGING MACHINE OPHTHALMIC LENS

MANUFACTURER: NATIONAL OPTRONICS INC.

Manufacturer Model# 30000

Manufacturer's PHONE: (434) 295-9126 FAX: (434) 295-7799

Manufacturer's Website: <<http://www.nationaloptronics.com>>

Item Web Link:

<<http://www.nationaloptronics.com/html/finishingEquipment.aspx?id=12>>

AAC 'J' ITEM NSN 6540-01-417-7952

UAs: 003A

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$8,010.00

System Description: This is an edging machine that cuts all shapes, sizes and powers of CR-39, Polycarbonate and Hi-Index lenses without changing cutters. The carbide blades cut instead of grind, so there is no rounding of the bevel. The standard cycle time is less than one minute, with a 20 second finish-only cycle for touch-up. Even the largest Poly lenses can be edged in a single cycle with a slower flow control cycle. The plastic debris is removed by a vacuum system, eliminating the need for coolants. As factory equipped, the edger will cut bevel and rimless interchangeably. Optional cutters expand edge peripheries to a dozen finishes, including Grooving, Faceting, Shelving and Roll & Bevel. Fully integrated circuitry eliminates microswitch adjustment, ensuring high reliability. The two fully-adjustable bevel guide systems are standard: a Teflon Guide Wheel which tracks the actual front curve of the lens or a Cam Tracking System which duplicates nominal base curves. Both systems provide for fully variable front-to-back placement on all periphery finishes. Each system features a cycle-pause feature which allows the operator to easily make bevel placement adjustment mid-cycle. The DC brushless motor is ultra quiet and more durable than conventional router motors.

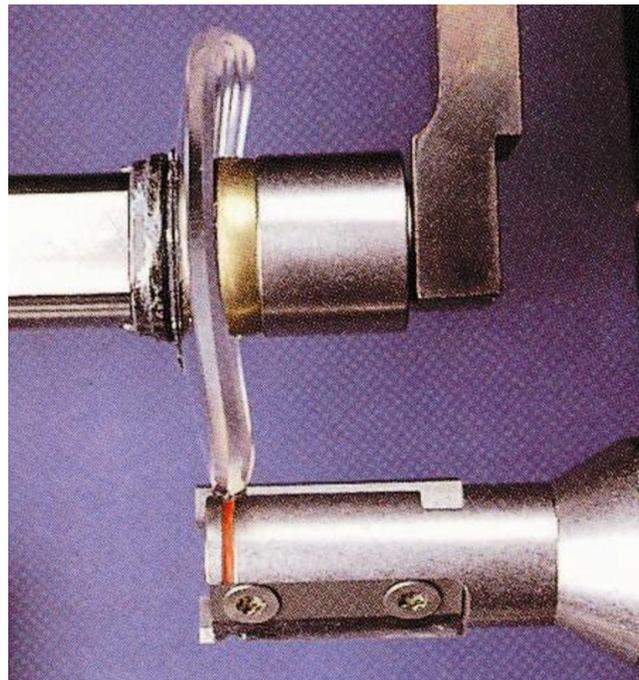
Features:

- Air chucking
- Shipped complete with vacuum system and accessory kit
- Multiple edge finishes with optional cutters
- Modular design facilitates in-lab maintenance and repair

NOTE: Used along with Air Compressor (NSN 4310-01-460-0072) in UA.



EDGING MACHINE OPHTHALMIC LENS AUTOMATIC BEVELING
PART # 30000
NSN 6540014177952



EDGE CUTTING



**VACUUM SYSTEM
PART # 87120**

**EDGING MACHINE OPHTHALMIC LENS
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	12
	Width (Inches)	30
	Length (Inches)	24
	Cube (Cubic Feet)	5
	Weight	112 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		35 to 110 °
Operating Temp		45 to 110 °
Storage Humidity		5 to 95% Non-Condensing
Operating Humidity		5 to 95% Non-Condensing
Amps		13
Watts		1725
Power Requirements	115 VAC, 60 Hz	
Notes	Air: 80 psi minimum	

**EDGING MACHINE OPHTHALMIC LENS
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN National Optronics Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6540014177952		Edging Machine Ophthalmic Lens	30000		1	EA	\$8,010.00	\$8,010.00	N/A
6540015823768		Accessory Kit, Edging Carbide Blades EI 6540014177952 10s	90490		1	EA	Incl w/NSN 7952	Incl w/NSN 7952	N/A
7910015830875		Vacuum System	87120		1	EA	Incl w/NSN 7952	Incl w/NSN 7952	N/A
NSN Not Required		Cutter Carbide	93153		1	10/PK	Incl w/NSN 7952	Incl w/NSN 7952	N/A
NSN Not Required		Literature, Operator Manual	87275		1	EA	Incl w/NSN 7952	Incl w/NSN 7952	N/A
NSN Not Required		Pattern Disc Adapter	87080		1	EA	Incl w/NSN 7952	Incl w/NSN 7952	N/A
NSN Not Required		Shipping Kit, H-II 115V	94700		1	EA	Incl w/NSN 7952	Incl w/NSN 7952	N/A