Auto Lens Edger AE40

With Main Engine, Water Tank and Water Pump.

**Auto-Clip System**
Use of third gear pressure on the lens without damage

**Automatic emendation procedure**
Automatic emendation of the lens size, initial zero Proofreading during the start of grinding, obvious improvement of precision

**Wheel Configuration**
Standard configuration of four wheels (Resin coarse grinding wheel/ Glass coarse grinding wheel, V-flat edge / sharp edges fine grinding wheel, flat resin edge / sharp edges polished wheels.

**Follow-up pressure**
It can increase the pressure automatically through the control of procedure during the start of the grinding which can ensure that no harm to the lens.

Characteristic:
Technical parameter min: Min22mm Max100mm
Range of adjustable measurement: -6.0mm ~ +6.0mm (0.05mm step)
Dimension of figure: 530(L) × 500(W) × 400(H)mm
Power: 500W
Auto Lens Edger
AE42

With Main Engine, Water Tank and Water Pump.

Follow-up pressure
It can increase the pressure automatically through the control of procedure during the start of the grinding which can ensure that no harm to the lens.

Wheel Configuration
Standard configuration of four wheels (Resin coarse grinding wheel/ Glass coarse grinding wheel, V-flat edge / sharp edges fine grinding wheel, flat resin edge / sharp edges polished wheels

Bevel polishing
It is added with bevel polishing function and more accurate bevel grinding.

Automatic emendation procedure
Automatic emendation of the lens size, initial zero Proofreading during the start of grinding, obvious improvement of precision

Characteristic:
Technical parameter min: Min22mm Max100mm
Range of adjustable measurement: -6.0mm ~ +6.0mm (0.05mm step)
Dimension of figure: 530(L) × 500(W) × 400(H) mm
Power: 500W
Patternless Lens Edger
PE1000

1. With high-resolution of 640X480, 5.7-inch TFT LCD, lens photograph displayed as 1:1 and with use-friendly operating interface.
2. With smooth appearance fitting for the design of ergonomics; the main body and scanners allocated separately.
3. It can meet the demand of the industry for its function of several kinds of lens edger progress, including CR-39 rosin lens, high index lens, superhard coating, glass lens, PC lens and Trivex lenses.
4. It has two modes of operation with the optical center / geometric center.
5. It can correct scanning data by itself, including axis and the distance of nose bridge.
6. It has 100mm diameter grinding wheels and can process high curved lenses.
7. Bevel polishing make lens mounting perfect.

Scanner
1. With high-precise 3D scanning, fast and convenient.
2. It can be used to metal frame, plastic frame, demo lens and pattern.
   These functions can be chosen, like the scanning to single eye or binoculus, the automatically allocated to frame and the automatically count to the distance of the nose bridge.
   It can clamp the frame automatically, as well as clarify the kind of the frame, demo lens and pattern automatically.
Center meter is optional
Centering device
CD12

Specification:
* No vision difference on the display screen, no deformation and accurate lens layout obtained.
* Compensating the accuracy of the lens and suction cup position. Bifocal lens can be positioned quickly and accurately.
* The small lens can also be put in clear projectile.
* Voltage: 110V/60Hz220V/50Hz
* Power: 10W
Printer is optional
Frame Heater
FM16

Character:
1. Voltage: 220V/50HZ or 110V/60HZ
2. Power: 500W
3. Temperature: 100℃
Frame Heater
FM6AT

An glasses shop in processing adjustment plate frame glasses, the frames heating purposes.

1. It makes features of quick heating, big wind force, the frames uniform heating.
2. Temperature adjustment.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 450W
Temperature: 70°C-130°C
Frame Heater
FM6AST

A glasses shop in processing adjustment plate frame glasses, the frames heating purposes.

It makes features of quick heating, big wind force, the frames uniform heating.

Electric Voltage: 220V/50Hz or 110V/60Hz

Power: 450W
Temperature: 70℃-130℃
Frame Heater
FM18

Character:
Rapid heating and strong air output.
Heat frame uniformly.
Temperature adjustment function to ensure a desired temperature.
Hand edging & polishing Machine  
EP19

For a glasses shop in glass and plastic lens edging, trimming, polishing. 
1. Big power; high speed rotating grinding wheel, fast grinding. 
2. 3 wheels operating together, 35mm of rough grinding, fine grinding, edge groove grinding, and 1 piece of polishing cloth wheel. 
3. It has auto water-supply system, facilitate water drainage.

Parameter: 
Electric Voltage: 220V/50Hz or 110V/60Hz 
Power: 100W
Hand lens edger (Hand edge grinder)
HE19

Character:
It can be used for rough grinding, fine grinding and "V" edge grinding, having great power and high speed for grinding convenient water draining system
Hand lens edger (Hand edge grinder) HE150

For a glasses shop in glass and plastic lens edging, trimming and polishing. It has safe railing with auto-switch. It has auto water-supply system, so it's convenient, safe and clean. It's durable in usage, as it has large diameter 150 diamond wheel.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 120W
**Hand lens edger (Hand edge grinder)**

For a glasses shop in glass and plastic lens edging, trimming, polishing. DC motor, big power, high speed rotating grinding wheel, fast grinding, facilitate water drainage. Single-wheel holder and double-wheel holder which can be choosed. Power: 120W

**HE20**  
Single 20mm of grinding wheel.  
Grinding wheel size: 100x20x14mm, rough grinding: 180#

**HE30**  
Single 30mm of grinding wheel.  
Grinding wheel size: 100x30x14mm, rough grinding: 180#

**HE35W**  
Single 35mm of rough grinding and fine grinding.  
Grinding wheel size: 100x35x14mm, rough grinding: 180#, fine grinding: 240#

**HE35WV**  
Single 35mm of rough grinding, fine grinding, edge groove grinding.  
Grinding wheel size: 100x35x14mm, rough grinding: 180#, fine grinding: 280#, groove grinding: 320#
Lens curve clock

LC01

LC02
Lens Driller
LD32

Specification:
Double-side drilling system, running without cracks
Vacuum absorbing system, protecting the camber effectively,
The upper and lower taper drill bits (1\(\theta\) 2mm) operate simultaneously thereby avoiding chipping and other lens damage.
The reamer enlarges hole sizes from 1\(\theta\) 1.5 mm to 2.5 mm
Power source: 110V/60Hz, 220V/50Hz
Power: 60W

LD32 Axis can be made of metal (optional)
Pattern Drilling Machine
LD918

Choose lens frame with supplementary lenses, drill three holes after that pupil height line and PD were drawn. And then replacing the pattern, it can and be directly installed and used at Edge.

1. Made of stainless steel parts, big power DC motor.
2. Drilling three holes directly on demo lens together.
3. Don't need make another pattern.
4. Safe, precise, fast speed, competitive price.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 90W
Pattern Drilling Machine
LD918A

Choose lens frame with supplementary lenses, drill three holes after that pupil height line and PD were drawn. And then replacing the pattern, it can and be directly installed and used at Edge.

1. Made of AC motor.
2. Drilling three holes directly on demo lens together.
3. Don't need make another pattern.
4. Safe, precise, fast speed, competitive price.
5. Automatically adjust lens center device.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 90W
Lens drilling & notching making machine  
DN57  
DN58  

Specification:  
Integration of powerful drilling and notching cutting.  
Suitable for CR/PC lens  
Power: 50w  
Power source: 110V/60Hz, 220V/50Hz  

DN57 Axis is made of metal.  
DN58 Axis is made of plastic.
Lens groover
LG15

Specification:
Adjustable groove position (front-central-rear)
No water system required. The depth can be adjusted freely. Suitable for CR/PC/GLASS
Adjustable groove depth: from 0 to 0.7mm
Groove width: 0.65mm
Lens thickness: from 1.5 to 11mm
Lens diameter: from 18 to 70mm
Voltage: 110V/60Hz220V/50Hz
Power: 90W

LG15 Clip is stainless.
LG16 Clip is iron.
Lens Polisher
LP25

Available for automatic polishing glasses lens's rim.

1, Exquisite exterior shape and advanced mechanical features.
2, Two pieces of IC plate fitted, automatic timing (0-5 minutes).
3, powerful motor with little noise.

Electric Voltage: 220V/50Hz or 110V/60Hz
Pattern maker
PN400

The direct use of glasses lens or an existing template to produce optical lenses as the benchmark standard template, whether new or repair glasses can be applied.

Detailed Product Description:
1. Lens clamping device, easy for operation.
2. With three suction cup of Takubo, Briot and Topcon, easy to swap for a different lens edger.
3. Cutting templates speed quickly and processing accurately.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 50W

Stainless steel parts are optional
Imported Milling cutter is optional
Two wheels Notch cutting machine
NM06

Specification:
Convenient operation.
notch-cutting: 1.0mm, 0.8mm
Power: 100W
Notch cutting machine
NM928

Applies to fixed edge of non-frame lenses’ section groove.

1. There are two pieces of rotated bits including 1.0MM and 0.8MM.
2. Convenient and quick operation, improve the efficiency.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 100W
Non-pattern drilling machine
DM51

Character:
1. It is an indispensable machine to fully automatic edger.
2. Make direct drilling in the gasket.
3. The gasket can replace for die plate in use in the edger.
4. It saves the trouble of opening the mould.
5. It is practical, convenient and laborsaving.

Choose lens frame with supplementary lenses, drill three holes after that pupil height line and PD were drawn. And then replace the pattern, it can be directly installed and used at Edge.
Ultraviolet Transmittivity & Radio-Resistant Tester
UV12

This machine is very convenient to use.

**Notice**
If you do not understand anything about this machine, please do not use this machine. If you do not follow the rules, it maybe causes the fire, electric shook, or personal injury.

**Properties of product**

UV tester (with correcting knob): open red switch after connect to power supply, all indication lamp is normal for indication. Align the centre of stand and lenses and UV outlet, adjust correcting knob, keep indication of number is same with value of standard lenses at intervals, standard lenses must be kept well.

**Functional Description**
* When test anti UV transmittance index of lenses, put testing lenses to outlet of UV rays, at this moment number indication value is index value of anti UV transmittance, anti UV index value had better up to 400nm.
* When test anti-radiation lenses, make the convexity of lenses to touch black rubber so that lenses can voice a sound of ‘wu’. It means the lenses aren’t anti-radiation if no sound.
* When test colouring lenses put the lenses to the outlet of UV rays, after several seconds the lenses can colour, colouring is deeper with more time.
UV & Photochromic Lens Tester
UV888

Combination tester available for testing UV-400 lens, anti-radiation lens, and photochromic lens.

Description:
1. Innovative products, a multi-purpose machine.
2. Convenient and quick operation.

Parameter:
Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 30W
UV Anti-radiation Tester
UV888AT

Available for testing UV-400 lens, anti-radiation lens, true and false currency.

1. Three big lights, made of the high-precision electronic components;
2. Anti-UV rays shading monitor;
3. Anti-UV optical lens detector;
4. Anti-Radiation monitor.
5. Using the UV testing light on this detector, you will be able to tell if the lens can block out UV rays easily. It is for you to explain to our customers by showing the result.
6. There are two black buttons on the upper right corner, with a normal lens, you will see Anti-UV display light to turn to red when you place the lens on the Anti-UV testing positon. If the light turns to green, which means the lens is the Anti-radiation lens. You will be able to show your customers the test result and might help you to sell your product effectively.

Electric Voltage: 220V/50Hz or 110V/60Hz

Power: 20W
Photochromic Lens Tester
PT14

Characteristics

Instantaneous color change of color-alterable lens. It is an ideal instrument to the glasses facrories and shops.

Technical parameters

Diamond grinding wheel
110V/220V 60HZ/50HZ
AC 800W
Photochromic Lens Tester
PT838-1

In indoors or under the sun to test the lens whether photochromic Lens, or test the photochromic Lens's color.

Description:
1. Do not need sunlight to make photochromic Lens change color at once.
2. convenient and quick operation.

Parameter:
Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 30W
Stress Tester
ST15

It is a device used to measure the strain of the lens.

1. Device for measuring the changes in distances between points in solid bodies that occur when the body is deformed.
2. It is used either to obtain information from which stresses (internal forces) in bodies can be calculated or to act as indicating elements on devices for measuring such quantities as force, pressure, and acceleration.
3. Suitable for all transparent lens and coloured lens.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 15W
Multi-functional tester
(Stress testing+Multi-focus lens testing+Lens injuries testing)
ST29
**Thickness gauge**

**TA21**
Measurement range: 0-10mm  
Accurate rate: 0.01mm

**TA31**
Measurement range: 0-10mm  
Accurate rate: 0.1mm
Thickness gauge

TA41
Measurement range: 0-10mm
Accurate rate: 0.05mm

TA52
Measurement range: 0-20mm
Accurate rate: 0.05mm
Ultrasonic Cleaner
UC50

Available for cleaning necklaces, earrings, rings, bracelets, coins, watches straps and bands, glasses, sunglasses, contact lens accessories etc.

1. The cleaning effect is obviously. The cleaned objects can be seen twinkling and shining after cleaning.
2. It can get the better cleaning result that all traditional technology can not do. Such as the dead of denture, toothbrush, printer and pen head, parts of machine, and intricate components.
3. Delicate design of cover reduce the noises effectively.
4. Good capability of waterproof, the products are safer and more durable.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 50W
Ultrasonic Cleaner
UC71

Specification:
Outer Size: 225x165x115mm
Tank size: 170x90x45mm
Tank Capacity: 500ml
Operating Frequency: 42KHZ
Power: 30W
Power Source: AC210-240V, 50Hz/60Hz, AC100-110V 50Hz/60Hz
Timer: 5min, 6min, 8min
Ultrasonic Cleaner
UC72

Specification:
Outer size: 193*113*110(mm)
Tank Size: 170*90*55(mm)
Tank Capacity: 600 ml
Tank Stuff: Stainless Steel SUS 304
Outer Box Stuff: ABS(UL Fire Protected)
Dust Cover Stuff: Semitransparent Plastic PS
Operating Frequency: 43 KHZ
Power: 60W
Power Source: AC220V, 50/60HZ (Single Phase)
Ultrasonic Cleaner
UC800

Available for cleaning necklaces, earrings, rings, bracelets, coins, watches straps and bands, glasses, sunglasses, contact lens accessories etc.

1. The cleaning effect is obviously. The cleaned objects can be seen twinkling and shining after cleaning.
2. It can get the better cleaning result that all traditional technology can not do. Such as the dead of denture, toothbrush, printer and pen head, parts of machine, and intricate components.
3. Delicate design of cover reduce the noises effectively.
4. Good capability of waterproof, the products are safer and more durable.

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 50W
TKA21B Tools kit

SDA19C Screwdriver set

AB900 AB PLIER

AT35 Anti-radiation Testing Lamp

Available for testing anti-radiation lens.

1. It can release a little electrostatic radiation to test the anti-radiation Lens.
2. Convenient and quick operation.

Electric Voltage:
220V/50Hz or 110V/60Hz
Power: 8W