

machines

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AUTO LENS METER

100220 // 222 x 161 x 372 mm / 5 kg

- Adjustable & sensitive touch LCD display screen
- Progressive measurement
- Automatic recognition of single and progressive lens
- Hi-speed UV measurement
- Built-in thermal printer
- Built-in UV tester
- Packed in aluminum metal case



Measure scope

Sphere // 0~±25D 0.01/0.12/0.25D steps

Cylinder // 0~±9.99D 0.01/0.12/0.25D steps

Axis // 0°~180° (1°step)

ADD // 0~+9.99D 0.01/0.12/0.25D steps

Prism degree // 0~15△ 0.01/0.12/0.25△ steps

Measurement Mode

Cylinder // +, +/-, -

Prism // X-Y, P-B

Contact lens // Soft/Hard

Measuring mode // Single/Progressive

Specification

Diameter of lens // ϕ 20~108mm

PD // 40~90mm, 0.25mm steps

Speed // 0.1s

Display // TFT LCD (7")

Power supply // 100~120V/200~220V 50/60Hz



• Built-in UV tester



BUDGET AUTO LENS METER

100240110 / 100240220 // 196 x 286 x 442 mm / 6kg

- Adjustable and sensitive touch LCD display screen
- Automatic recognition of single and progressive lens
- Progressive measurement
- Without UV and Printer

Measure scope

Sphere // 0~±25D 0.01/0.12/0.25D steps

Cylinder // 0~±9.99D 0.01/0.12/0.25D steps

Axis // 0°~180° (1°step)

ADD // 0~+9.99D 0.01/0.12/0.25D steps

Prism degree // 0~15△ 0.01/0.12/0.25△ steps

Measurement Mode

Cylinder // +, +/-, -

Prism // X-Y, P-B

Contact lens // Soft / Hard

Measuring mode // Single / Progressive / Automatic recognition

Specification

Diameter of lens // \varnothing 20~108mm

PD // 40~90mm, 0.5mm steps

Speed // 0.1s

Display // TFT LCD (7")

Power supply // 100~240V 50/60HZ



MANUAL LENS METER

with prism compensator

100230 // 280 x 150 x 450mm / 4.9kg

- Internal reading, wide field of vision observation

Measure Scope // -0.25D ~+0.25D

Minimum Scale Value // -5D- +5D; 0.125D;-5D- -25D, +5D- +25D; 0.25D

Astigmatism Axis Angle of Cylindrical Lens // 0°~180° (1°step)

Prism Basal Angle // 0°~180° (1°step)

Prism // 0-5 △ with prism compensation device 0-20 △

Range of Ocular Visibility Adjustment // -5D- +5D

Size of Measured Lens // \varnothing 80mm

Lamp of Illumination // 6V/2A 12W

Input Power // 100-240V-50/60Hz



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LENS GROOVER

100530110 / 100530220

// 210 x 170 x 150 mm / 2.7 kg

- With a non corrosive machine body
- Suitable for plastic and glass lens
- Large guide roller enable grooving off even difficult lens shape
- Adjustable groove depth
- Grooving parallel to rear face possible
- 4 different grooving types to choose from:
 - controlled grooving parallel to front or back surface
 - Free wheel grooving
 - Manual controlled grooving
- No adaption on lens curvature necessary
- Including standard groove wheels (0.55mm)

Depth of Groove // 0-0.7mm

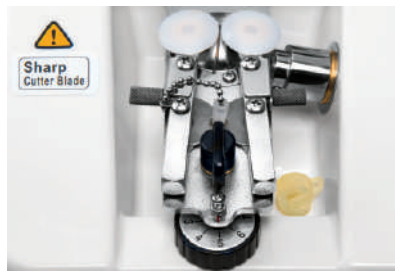
Width of Groove // 0.55mm

Lens Thickness // 1.5mm-11mm

Lens Size Range // 28mm-70mm

Grooving Time // Approx. 60 seconds

Power Supply // 100-120V, 60Hz
200-240V 50Hz, 90W



DIAMOND GROOVING WHEEL

100520

To be used with item number 100530

Outer Diameter // 25 mm

Width of Groove // 0.55 mm





DIGITAL DRILLING MACHINE

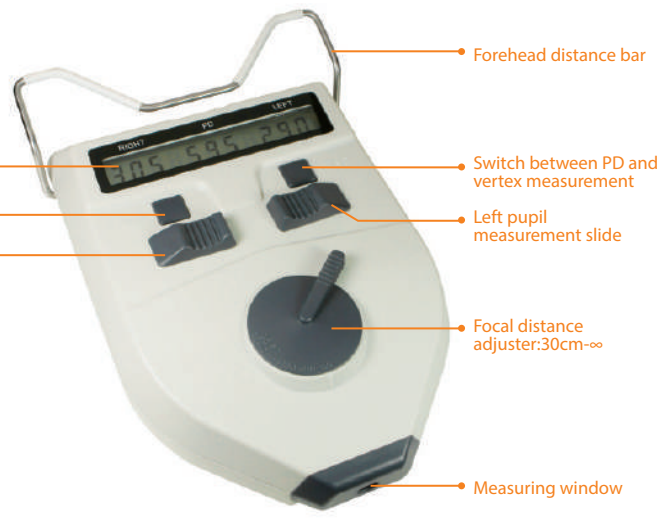
100810 // 302 x 228 x 270 mm / 5 kg

- Mainly for drilling and milling
- Memorizing of the drill hole coordinates of the current scanned frame
- Integrated security mode to avoid drill hole errors of the current scanned frame
- Original pattern measurement mode and mirroring function measurement mode
- It has auto-position clamping equipment which allows to remain the same process operation

Power Supply // 100-240V/50/60Hz, 50W

Drill Bits // 0.8, 1.0, 1.2, 1.42, 1.5, 1.6, 1.70, 2.0 mm

Millers // 0.8, 1.10, 1.2, 1.4 mm



DIGITAL PUPILOMETER

- 100110 // 221 x 166 x 63 mm / 680 g
- PD meter with LC display and focusing light circle to ensure easy reading.
 - Both monocular and binocular measurements possible.

Measurement Range // 45 - 82 mm at 0.5 mm increments
 Viewing Distance // 30 cm - ∞
 Power Supply // AA batteries (DC 3V)



DIGITAL PD METER

- with push button
- 100130 // 219 x 169 x 86 mm / 700 g
- PD measuring device with digital screen.
 - Both monocular and binocular measurement possible.

Measurement Range // 45 - 82 mm at 0.5 mm increments
 Viewing Distance // 30 cm - ∞
 Power Supply // AA batteries (DC 6V)



HAND EDGER

100610 // 360 x 200 x 288 mm / 8 kg

- Rough and fine surfaces with V-bevel
- High power aluminum housing motor
- Direction of the rotation can be switched
- 30mm width diamond wheel with V-bevel

Power Supply // 100-120V, 60Hz
200-240V, 50Hz



HAND EDGER WITH SENSOR

100620 // 360 x 200 x 288 mm / 8.1 kg

- Contact free operation through an infra-red sensor
- Rough and fine surfaces with V-bevel
- Sensor switch auto-control
- Direction of the rotation can be switched
- High power aluminum housing motor
- 30mm width diamond wheel with V-bevel
- Water proof switch

Power Supply // 200-240V/50/60Hz, 150W



Water Tank

Water Valve

Rough and fine V groove wheel

Infra-red Sensor

Direction switch

Power On /Off switch



HAND EDGER - Fine Grain

100630110 / 100630220 // 260 x 180 x 180 mm / 3.7 kg

- Hand edger for chamfering and polishing mineral/organic lenses

Features:

- Conical diamond wheel from 56 to 98 mm in diameter
- Retouching mini bevels with either the left hand or the right hand side of the wheel.
- Good adding and draining water system
- Invisible removable water tank
- Reversible switch

Power Supply // 100-120V, 60Hz 200-240V, 50/60Hz, 75W

Standard wheel option:

- 100V // 400mesh, Fine grinding with V groove

Other wheel options*:

- 100 // 400mesh, large surface fine grinding
- 100W // 400/500mesh, Rough, fine grinding
- 100WV // 400/500mesh, Rough grinding with V groove (one side), fine grinding (other side)

* SKU for other wheel options provided upon request



DIAMOND WHEELS FOR EDGERS

For plastic lenses (not for mineral lenses)

100640

Width of Groove // 18 mm
Overall Diameter // 90 mm
Hole Diameter // 19 mm
Mesh // 70-80

Briot type roughing wheel



100641

Width of Groove // 20 mm
Overall Diameter // 110 mm
Hole Diameter // 19 mm
Mesh // 70-80

Briot type roughing wheel



100642

Width of Groove // 17 mm
Overall Diameter // 100 mm
Hole Diameter // 20 mm
Mesh // 70-80

Nidek type roughing wheel



100643

Width of Groove // 22 mm
Overall Diameter // 100 mm
Hole Diameter // 20 mm
Mesh // 70-80

Nidek type roughing wheel



100644

Width of Groove // 15 mm
Overall Diameter // 155 mm
Hole Diameter // 20 mm
Mesh // 70-80

Essilor type roughing wheel



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ULTRASONIC CLEANING DEVICE

100310110 / 100310220 // 210 x 150 x 140 mm / 920 g

- Ultrasonic cleaning device with a 600ml stainless steel tank
- 3 different timer settings between 3 and 10 minutes long

Power Supply // 100310110 100-120V, 60Hz, 35W

100310220 220-240V, 50Hz, 50W



ULTRASONIC CLEANING DEVICE

100320110 / 100320220 // 550 x 310 x 460 mm / 2.9 kg

- Ultrasonic cleaning device with a 1700ml stainless steel tank
- This device has a heat function that cleans the frames in warmed water
- Has a full range timer from 1-30 minutes

Power Supply // 100320110 100-120V, 60Hz, 150W

100320220 220-240V, 50Hz, 160W



FRAME HEATER

100410 // 235 x 125 x 250 mm / 1.66 kg

- Standard tool for adjusting acetate frames with variable heat levels

Temperature Range // 50 - 110 °C

Power Supply // 220V/110V, 600W



Air Outlet

Power Switch

Heater Switch

Temperature Adjusting Knob

FRAME HEATER

NEW!

100430110 / 100430220

- Ceramic heating system and non-flammable make the life more longer
- Electronic temperature regulator and low-noise electric air fan

Voltage // AC220V AC110V

Heating temperature range // 75-150 degree

Frequency // 50HZ,60HZ

Noise // less 45dB(A)

Wind speed // 1.2m/s



UV and BLUE RAY METER

NEW!

100730 // 100x70x50mm / 153g

- 1.3 inch display screen, easy to see the readings
- Very compact and light weight, only 153g
- One button design, simple to operate
- Automatic calibration after power on
- Mini USB charging, easy and convenient to charge

Display // 1.3" screen

Display resolution // 240x240

Battery capacity // 400mAh

UV wavelength // 400nm

Blue ray wave length // 425nm

Net weight // 153gram

Measurements // 10x7x5cm

Package dimensions // 9.5x4.8x5.8cm



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