

# ICE-Mini

## INTELLIGENT BLOCKER



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# Intelligent Blocker ICE-Mini

## *Quick and Easy Blocking*

**STEP 1.** Simply place the marked lens on the oscillating 3-pin lens stage.



**STEP 2.** Input all data on the LCD touch panel. The data to be input are the lens type, frame type, grinding condition and lens layout data which includes FPD, PD, height of optical center and size.



**STEP 3.** Then lower the lens damp to secure the lens on the lens stage. Holding the lens from the top greatly helps the operator to achieve easy and accurate blocking.

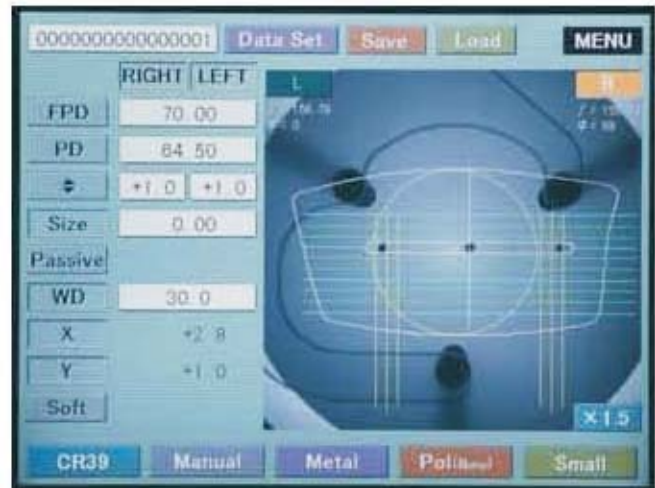


Blocking

## User-friendly LCD Touch Panel

8.4-inch color LCD touch panel offers clear display and easy operation.

Traced outline and finished outline of the lens are simultaneously displayed in actual size, which is useful when determining if the external outline is sufficient for the traced outline. By superimposing the images, lens cut-out is easily determined.



## Versatile Network Capability

The ICE-Mini can be directly connected to a lens edger as a minimum configuration. The traced data obtained with the built-in tracer of the LE-9000 are automatically stored into the ICE-Mini's internal memory.

You can also connect several devices like the Santinelli LT-900 frame tracer and SE-9090 Express Plus lab edger on a local-area network (LAN) for medium to high volume production of finished lenses. Various system configurations are possible to meet each customer's needs.

### Minimum Configuration



### Mini LAB Configuration



\*These configurations are just examples. Please contact Santinelli International for further information.

## ICE-Mini Specifications

Lens size	Dia. 80 mm or less
Layout span	FPD : 30.0 - 99.5 mm
	PD (or 1/2 PD) : 30.0 - 99.5 mm (15.0 - 49.75 mm)
	Height of the optical center : 0 - $\pm$ 15.0 mm
	Size adjustment : 0 - 10.0 mm $\pm$
Item to be entered	FPD
	PD (or 1/2 PD)
	Height of the optical center (↑, BT ↓, PD ↓)
	Lens size
	Lens material (Plastic lens, Plastic lens with high refractive index Glass lens, Polycarbonate lens, Acrylic lens, TRVEX lens)
	Frame type (Metal frame, Plastic frame, Nylon frame, Rimless frame)
	Grinding mode selection
Job code	
Blocking method	Manual blocking method
Blocking accuracy	Position : Dia. 0.5 mm or less
	Axis angle : $\pm$ 0.5° or less
Interface	4 RS-232C, 1 LAN (10BASE-T)
Display	8.4-inch color LCD touch panel
Power supply	AC 100 - 120 V / 230 V
	50 / 60 Hz
Power consumption	35 VA
Dimensions & weight	9.05" (W) x 14.45" (D) x 11.5" (H) / 17.6 lbs.
Standard accessories	Spare fuse (x2), Interface cable (x1), Touch-panel pencil (x1), Power cord (x1)
Optional accessories	Barcode scanner, USB memory

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