

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 - ± 15.0 mm
	Size adjustment	: 0 - ± 10.0 mm
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, TRIVEX lens)	
	Frame type (Metal frame, Celluloid 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	: ± 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	230 (W) x 367 (D) x 292 (H) mm / 8 kg	
	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	

ICE mini



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ICE mini

INTELLIGENT BLOCKER



Eye & Health Care

VISIONARY PERFORMANCE

*Specifications and design are subject to change without notice for improvement.



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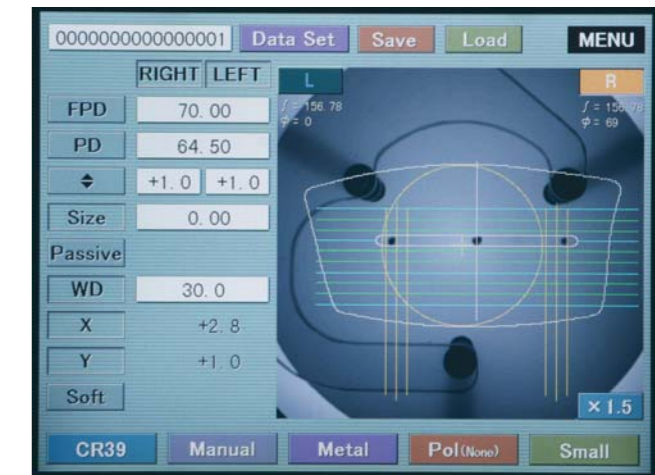
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User-friendly LCD Touch Panel

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

Traced actual outline and finished outline of the lens are simultaneously displayed in actual size, which is quite useful when determining if the external outline is sufficient for the traced outline.



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 NIDEK LT-900 frame tracer and SE-9090 Express lab edger on a local-area network (LAN) for medium to mass productions 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 NIDEK for further information.

Intelligent Blocker ICE mini

Quick and Easy Blocking

STEP 1. Simply place the marked lens on the table.



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. Block with the blocking arm. Flexible 3-pin lens support, holding the lens from the top, greatly helps the operator to achieve easy and accurate blocking.



Blocking