Intelligent Blocker





THE ART OF EYE CARE

Intelligent Blocker

Advanced technology with proven, reliable results

Stable and accurate blocking. Intuitive screen for easy operation and spot-on results. External memory for easy data management.

With assuredness, accuracy, high speed and simple operation, the ICE-1200 provides stable and reliable job processing.

System configurations



*The ICE-1200 is compatible with the VCA protocols.





Automatic lens blocking

Simple lens stage supports smooth blocking operation.



Automatic lens measurement

Four measurement methods can be selected depending on lens type.

Lens clamping with new mechanism

Newly designed lens clamp pins secure lens with optimal pressure and enable stable blocking.

Shape Imager measurement capture

In addition to auto measurement of lens shape and hole position, measurement of partial step lens is also possible.















High-wrap curve frame tracer

Multiple-frame tracer provides accurate measurement of a wide array of frames including high-wrap style.

Simple "one-touch" demo lens tracing

Easy-load, magnetic pattern setting assembly provides single-step tracing operation.

Ergonomically located tracer

Built-in tracer, strategically positioned in the "upper level", facilitates easy frame setting.











Data management function

Data management allows for easy job / pattern storage and retrieval by conventional manufacturer or frame type.

QR code reader compatible

EMR data can be read via QR code from diagnostic instruments.

ICE-1200 Specifications

Model	ICE-1200	ICE-1200NT
Lens size	Lens diameter: ø85 mm or less	←
Layout span	FPD: 30.00 to 99.50 mm	
	PD (or 1/2 PD): 30.00 to 99.50 mm (15.00 to 49.75 mm)	
	Height of the optical center: 0 to ± 15.0 mm	—
	Size adjustment: 0 to ±9.95 mm	
Item to be entered	FPD (or DBL)	
	PD (or 1/2 PD)	
	Height of the optical center (frame center, BT height, PD height)	
	Cylinder axis	
	EP (height of the distance eye point of progressive lens)	
	Lens size	←
	Lens material	
	(CR-39, Hi-Index, Polycarbonate, Acrylic, Trivex, Urethane, Glass)	
	Frame type (Metal, Plastic, Optyl, Nylor, Two point)	
	Grinding mode selection	
	CYL (+/- switching)	
	Job code	
Lens measuring mode	Single vision mode: Full auto / Mark detection	
	Multi focal mode: Segment detection	
	Progressive mode: Print mark / Print mark angle / Point mark	←
	Manual mode	
	Demo lens mode	
Shape imager function	Measurement range: 65.0 x 50.0 mm (±1.5 mm)	
	Hole position: 0.01 mm increments	←
	Hole diameter: ø0.50 to 10.00 mm (0.01 mm increments)	
Tracing unit	Built-in	
Method	Automatic 3D binocular tracing	
FPD measurement	Available	
Frame clamping	One-touch automatic clamping	None
Setting of stylus	Switchable between automatic and semiautomatic	
Measuring points	1,000 points	
Measurement accuracy	Frame tracing ±0.05mm (circumference error with ø45 standard frame)	
Blocking method	Auto	←
Interface	RS-232C: 3 ports	
	1 port for connection with a (first) lens edger	
	I port for connection with a (second) lens edger	\rightarrow
	1 port for connection with a barcode scanner	
Device even by		
Power supply		←
Device consumption	50/60 HZ	00.1/0
Dimensions/Mass	235 (M() x 510 (D) x 245 (H) mm / 21 kg	90 VA 225 (M) x 510 (D) x 245 (H) mm (17 kg
Dimensions/wass	$323 (W) \times 310 (D) \times 343 (H) HIII / 21 Kg$ 12.8 (M) × 20.1 (D) × 12.6 (H)" / 46 lbc	$325 (W) \times 310 (D) \times 345 (T) IIIII / 17 Kg$ 12.8 (W) × 20.1 (D) × 12.6 (L) = / 27 lbc
Standard accessories	12.8 (W) X 20.1 (D) X 13.8 (H) 7 46 lbs.	12.8 (W) X 20.1 (D) X 13.8 (H) / 37 IDS.
Standard accessories	Frame change holder. Long table cover, USP flack drive	Power cord, KS-232C cable, Stylus peri, Spare ruse,
	Change change holder, Lens lable cover, USB fidsh drive, Change mossurement table. Dust cover, Forrite core for LAN cable	LISP flash drive. Shape measurement table. Dust sever
	Accessory case. Standard frame. Standard nattorn. Stylus cover	Forrito coro for LAN coblo. Accessory coro
	Accessory case, standard frame, standard pattern, stylus cover,	rente core for LAN Cable, Accessory case
Optional accessories	Barcode scapper (handy type) Barcode scapper (huilt in type)	
optional accessories	Dartial stan package. Plower brush	←
	Failiai step package, biower brush	1

Specifications and design are subject to change without notice.

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