

specifications

Product Version	Iness-T	Jess Family
Optical Tracing Shape Tracer Output Dimensions Auto Recognition of drilling positions/size	3D Full Auto	
Blocking automation Manual / Motorized	Manual (Motorized in option)	
Centring Function Centering adjustment steps Centering Modes Centering Process Curve correction system Centering Targets Centering Detection Performance Parralax Free Working Support	0,1/0,5 Datum/Boxing/X,Y Optical/Geometric Center 3D compensation® Unifocal/Bifocal/PAL/ Mid/Executive Life target positioning Camera	
Edging Function Lens Materials / Finish Bevel modes Grooving (Option) Chamfering (Option) Grooving modes Lens & Axe safety		CR39, MHI, PC, TRX, MIN, POL Auto, 33%,50%, Follow FF (adjust) Width & Depth in steps 0,05mm Back, Front, Both sides Auto, 33%,50%, Follow FF (adjust) EAS™ cycle
Storage capacity Job database USB key for back up	1000 Incl	
Screen Type LCD display size Resolution	Color 8,4" 800x600	Color 5,7" 320x240
Connectivity OMA ISO 16284 Ethernet RJ45 USB Rs 232/RS 485 Edger/Blocker Barcode/Direct 2nd Edger	3.09 Y 1 1 2 1	3.02 Y 1 1
Accessories (Options)	Barcode read Barcode stickers	
Certificates Safety Environment	CE/ETL/PSE ISO14001	CE/ETL/PSE ISO14001
Dimensions and Weight LX WXH (in mm) Weight in kg	345 x406x 449 7,0	535 x410x568 67,0
Consumption Electrical Net Frequency (../..) Voltage Power consumption	50/60 Hz 115/230 V 40 W	50/60 Hz 115/230 V 1350 W
Water Cooling system Average Usage (Cr39)		Closed/City 5 l/min

ESSILOR INTERNATIONAL - R.C.S. Créteil B712 049 618 - 09/2012 - P1002081E - Hakuodo France - To allow ongoing improvements, these specifications are non-contractual and are subject to modification without notice.



Instruments Department
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Your local distributor:

STEP INTO OPTICAL SHAPE TRACING

AND HAVE ACCESS TO FULL
3D DIGITAL EDGING



3D OPTICAL
SHAPE TRACING

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THE ALL INCLUSIVE DIGITAL TRACER-BLOCKER

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ACCESS TO 3D DIGITAL EDGING

THANKS TO OPTICAL SHAPE TRACING



3D OPTICAL
SHAPE TRACING

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THE ALL INCLUSIVE DIGITAL TRACER-BLOCKER

THE UNIQUE 2-IN-1 DEVICE THAT COMBINES ACCURATE DIGITAL CENTERING EASE OF USE AND OPTICAL SHAPE TRACING.



1. Tracer

- 3D shape creation by the OST system.
- Works with all demo lenses and patterns.
- Shape recognition secured whatever the demo lens positioning.
- Gives a perfect fit due to its Shape Optimizer function.

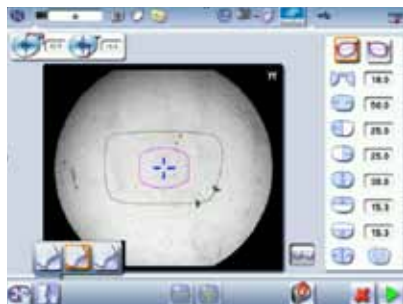
2. Blocker

- High centering accuracy thanks to parallax free camera system and 3D compensation system.
- Wide convenient working area.
- Perfect lens markings visualization.



OST: A UNIQUE AND RELIABLE SYSTEM BASED ON OPTICAL TRACING

It creates a 3D shape from any demo lens or pattern, based on a 800 points trace and frame curve parameters.



- **Whatever the pattern color or demo lens tint**, as Iness-T Infra-red optical system will even digitalize dark objects.

- **Whatever the light conditions**, as the special profiled Reflector and Infra-red light system of Iness-T prevents distortion of surrounding light sources.

- **Whatever the lens power**, as Iness-T is built on a 2 way optical path eliminating the lens power distortion.

Recognition is secured whatever the demo lens positioning.

- **Wherever in the optical zone**, rapid and automatic shape recognition is secured. The system works independently with right or left side demo lenses.

When needed, the Shape Optimizer functions fully secure Frame-fit.

- **Whatever the demo lenses or patterns edge regularity**, Iness-T enables shape adjustment.
- **Whatever the markings readability**, Iness-T enables adjustment of horizontal shape positioning.

- **High accuracy lens centering** secured by parallax free optical system and 3D compensation.
- **Convenient and rapid lens centering process** thanks to wide working area, and ergonomic screen position.
- **Perfect visualisation of the markings** even on dark tinted lenses.
- **Large touch screen (8.4")** and intuitive user interface.
- **Easy and rapid block loading** on the front side blocking arm.
- **Large set of shape modifications.**
- **Accurate automatic drilling hole recognition.**
- **1000 job database.**
- **Second edger connection** to create more edging capacity.

JESS FAMILY

3 VERSIONS THAT MAKE EDGING SIMPLE & VERSATILE



JESS

- The expert edger with Grooving/ Chamfering - **Automated & adjustable grooving**, depth, width & position in steps of 0.05 mm.
- **Unique patented chamfering system** for safety bevelling along the entire circumference of the lens.

JESSIE

- The robust and affordable 3D edging solution for high quality finishing. **Automated & repeatable bevel positioning** securing aesthetics and first fit.

JESS D

- The complete edger with integrated drilling. **Variable drilling axis up to 15°** for hole diameters ranging from 0.8 to 3.0 mm.