

BRING THE
FINISHING
TOUCH
TO YOUR
BUSINESS

STYLISH
DESIGN

SIMPLE TO
OPERATE

MULTIPLE
CONFIGURATIONS

HIGH LEVEL
PERFORMANCE



www.optic-handel.com

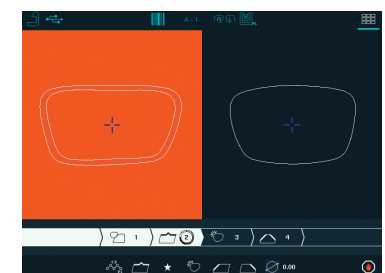
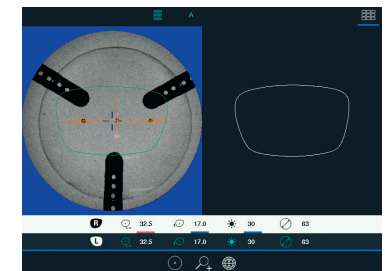
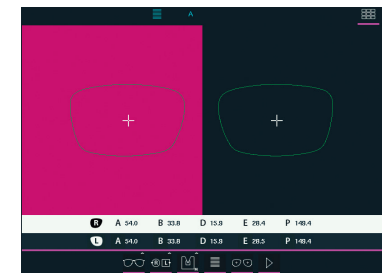
A MODULAR OFFER FOR

ERGONOMIC TOUCH-SCREEN CONTROL:

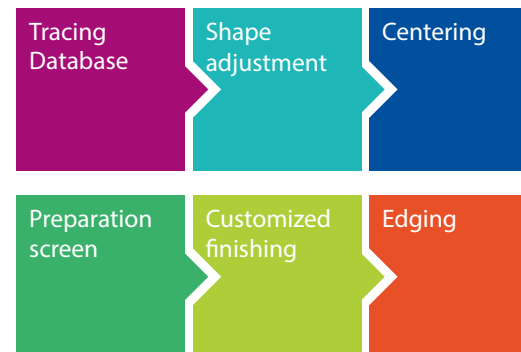
Screen organized into three easy-to-follow zones to simplify navigation.

User-friendly interface with intuitive icons.

Each step is color-coded to guide operator through the lens finishing process.

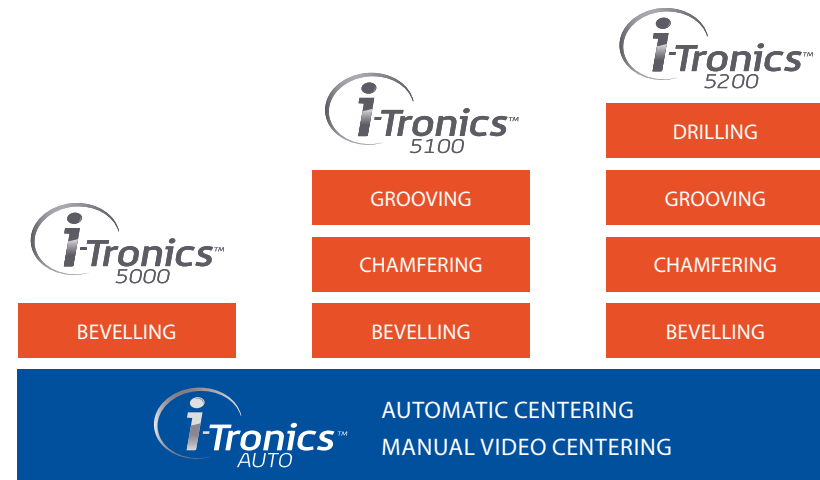
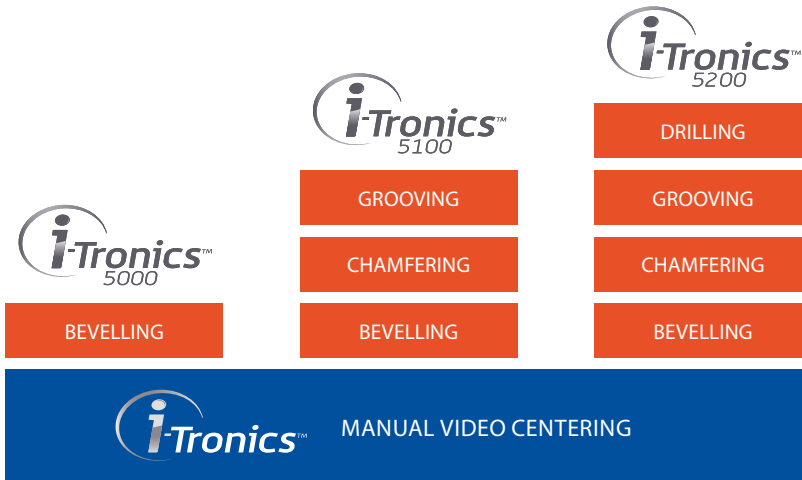


The new i-Tronics collection brings everything you need for high performance lens finishing. It's a complete range with 6 different systems. With stylish design and intuitive screens, i-Tronics systems maximizes operational efficiency plus comfort through delivering a fast, accurate service with an exceptional lens quality.



THE NEEDS OF EVERY OPTICIAN

A COMPLETE RANGE WITH A CHOICE OF 6 POSSIBLE CONFIGURATIONS



FAST, SIMPLE AND ACCURATE RESULT FOR ALL THE STEPS OF TRACING,



i-Tronics tracer-blocker is designed to provide convenience and precision through two options for lens centering - manual or fully automated. Both systems integrate all steps in lens processing and can be linked to i-Tronics' range of edging units for a seamless end-to-end process.



FRAME TRACING

High precision 3D frame tracing to ± 0.4 mm around perimeter.

3.200 points per eye scanned.

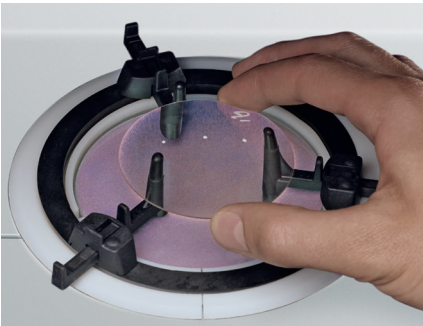
Handles wide range of frames:
28-70 mm in A dimension and
17-58 mm in B dimension, curvature
up to base 6.



OPTICAL TRACING (option)

Detection of lens shape (pattern, demo lens or pre-edged lens) with automatic recognition of all drilling parameters.

CENTERING AND BLOCKING



VIDEO-ASSISTED CENTERING

Precise parallax-free lens centering.

Convenient for all types of lenses and tints.

Centering cross designed to suit all kind of lenses.

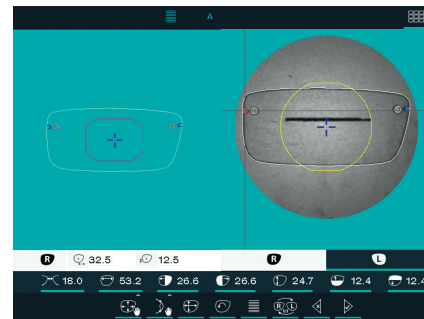
Motorised blocking.



SHAPE MODIFICATION AND DRILLING PARAMETERS ADJUSTMENT

Shape modification for grooved and drilled mountings.

Simple adjustment of drilling parameters: types (holes, slots, notches), diameter and positioning (5200 Model only).



DATABASE OF 1000 JOBS

Up to 1000 models can be saved for convenient storage and easy retrieval.

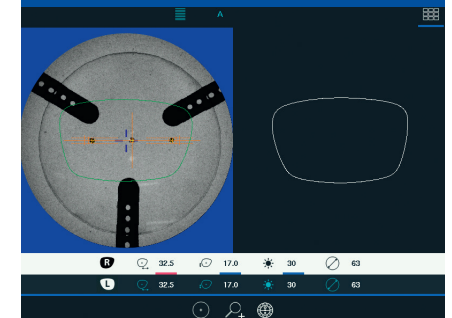
#				
36	Clément Berth	07/03/2014	X	
37	Corinne Elot	07/03/2014		
40	Alfred Durant	08/03/2014	X	
142	Francis Paceth	03/06/2014	X	X
167	Jacques Loutes	06/06/2014		
168	Arnaud Sinemer	06/06/2014	X	
169	Henri Vaudan	07/06/2014		
170	Sylvain Chanvelune	07/06/2014	X	
171	Véronique Alban	07/06/2014	X	
172	François Dubralli	07/06/2014		X

AUTOMATIC CENTERING (i-Tronics AUTO)

Automatic detection of optical center of unifocal lenses from -20D to +20D

Recognition of all markings - Focimeter dots, progressive lens centering marks and bifocal segments.

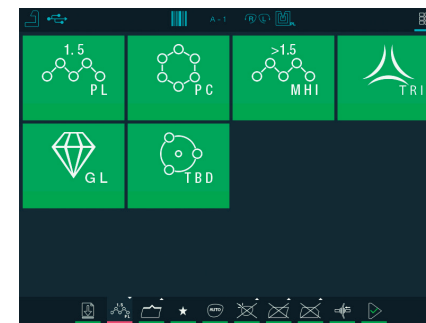
Measurement and display of unifocal lens power from -6D to +6D.



A FULL LENS EDGING



i-Tronics edgers give you full control over a wide range of either automatic or customized finishing. Edging units come in three different versions to deliver the level of bevelling, polishing, grooving, chamfering and drilling you need to perform, with an intuitive interface and simple to follow process.



FULL EDGING CONTROL

Edging cycles adapted to lens material, fragility or type of coatings.

Many finishing possibilities

- Bevelled, flat, polished.
- Small frames down to 17 mm for flat finishing and 18.5 mm in bevelled finishing.
- Handling lenses up to base 6.



SOLUTION YOU CAN TRUST



GROOVING AND CHAMFERING (5100 AND 5200 MODELS)

Chamfering on front and rear surface with adjustable thicknesses.

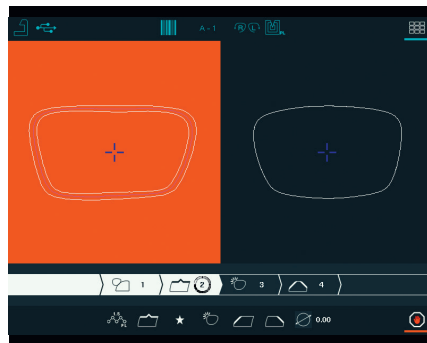
Depth and width of grooving can be customized.

Chamfering, grooving and drilling module tilts up to 15° to adapt to the curvature of the lens.

AUTOMATIC AND CUSTOMIZED FINISHING

Precise finishing is simple to perform – either automatically or by custom control.

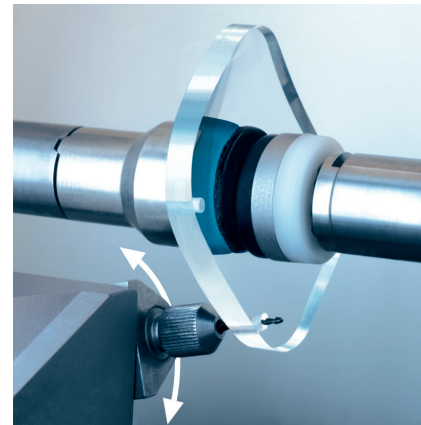
Sensors probe the two surfaces of the lens and create an on-screen 3D modelling that enables you to customize as required the position of the bevel for perfect fittings.



LARGE CHOICE OF DRILLING POSSIBILITIES (5200 MODEL)

Hole diameters from 0.8 to 3 mm.

Any type of holes: through holes, non-through holes, straight or angled notches and oblong holes.



SPECIFICATIONS



CONFIGURATIONS	i-Tronics 5000 EDGER + i-Tronics TRACER-BLOCKER	i-Tronics 5100 EDGER + i-Tronics TRACER-BLOCKER	i-Tronics 5200 EDGER + i-Tronics TRACER-BLOCKER	i-Tronics 5000 EDGER + i-Tronics AUTO TRACER-BLOCKER	i-Tronics 5100 EDGER + i-Tronics AUTO TRACER-BLOCKER	i-Tronics 5200 EDGER + i-Tronics AUTO TRACER-BLOCKER
High precision frame tracing	✓	✓	✓	✓	✓	✓
Jobs Database	✓	✓	✓	✓	✓	✓
Shape adjustment	✓	✓	✓	✓	✓	✓
Manual centering with zoom function	✓	✓	✓	✓	✓	✓
Automatic blocking	✓	✓	✓	✓	✓	✓
Automatic centering				✓	✓	✓
Optical tracing	Option	Option	Option	Option	Option	Option
Edging of all materials	✓	✓	✓	✓	✓	✓
Automatic and customized bevel (3 or 4-wheel models)	✓	✓	✓	✓	✓	✓
Polishing	✓	✓	✓	✓	✓	✓
Automatic and customized grooving		✓	✓		✓	✓
Customizable chamfering		✓	✓		✓	✓
Automatic and customized drilling			✓			✓

TECHNICAL DATA	TRACER - CENTERER - BLOCKER	EDGER
Screen	8.4" touch screen	8.4" touch screen
Dimensions	W325 x D550 x H615 mm	W575 x D440 x H620 mm
Weight	20 kg (Manual) / 22 kg (Auto)	57 kg
Power consumption	250 W	1350 W
Voltage	230-115 V ~ 60/50 Hz	230-115 V ~ 50/60 Hz

Optic-Handel Fragstein

Carlo-Schmid-Straße 13
52146 Würselen
Germany
Tel.: +49 (0) 2405 409970
Fax.: +49 (0) 2405 4099729
E-mail: info@optic-handel.de



www.optic-handel.com