TECHNICAL SPECIFICATIONS

Tracer

- Automatic stylus insertion
- 3-D tracing for frames, 2-D tracing for patterns, demo lenses and pre-cut lenses
- Frame asymmetry taken into account
- High-precision tracing with reading of the frame groove profile
- Storage capacity for 200 shapes
- 0 or 10° tilt of the tracer - optimal view of tracing area
- Frame dimension limits:
  - B-Dimension: min. 17 mm (pattern), max. 58 mm
  - A-Dimension: min. 28 mm, max. 70 mm
- Limit Z height: 30 mm in binocular, 40 mm in monocular
- Power supply voltage: 12 V
- External power supply: 100-240 V AC, 1 A, 50-60 Hz, output 12 V
- Auto-maintenance managed via the computer or edger
- Dimensions: L 280 mm x D 285 mm x H 180 mm
- Weight: 7.5 kg

EDGER

- Digital edger with restitution of the bevel in 3 dimensions.
- Configuration in Boxing mode.
- Specific centering target for all types of lenses: unifocal, bifocal, progressive, executive.
- Shape alteration: A, B, 1/2 B lower, 1/2 B upper, scaling.
- Lens edging capacity: min. diameter 18 mm in flat edge, 19.5 mm in bevel.
- Sequential scanning before roughing.
- Edging mode:
  - Automatic bevel.
  - 33% and 50% bevel, following the front surface (adjustable).
  - Flat edge finish.
  - Automatic groove, 33% and 50% grooves, following the front surface (adjustable).
  - Adjustment of groove: Configuration of the width and depth (step of 0.05 mm).
- Chamfering : Front surface and rear surface or rear surface only.
- Viewing of finished lens before machining (Scale 1:1).
- Colour screen.
- Automatic wheel cleaning cycle.
- Versions with 3 or 4 wheels (depending on materials): edging of glass, plastic, Medium and High index, composites, polycarbonate, Trivex - polishing.
- Dimensions: L 535 x D 560 x H 515 mm.
- Footprint: L 535 x D 440 mm.
- Weight: 58 kg.
- Power supply: 230 V — 50 Hz, 230 V — 60 Hz or 115 V — 60 Hz.
- Electricity consumption: 900 W.

Digital system

- Self-calibration and autotest
- Statistics and technical history
- ISO 16 284 International Communication Standard
- Complies with CE marking.

As improvements are made these specifications may be changed without prior notice.

essilor

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ESSILOR INTERNATIONAL - R.C.S. Créteil B712 049 618 - 09/2011 - P1002351E2 - Comellink : 01 55 01 09 00

A CONCENTRATION OF ESSENTIAL FUNCTIONS
AT YOUR FINGERTIPS

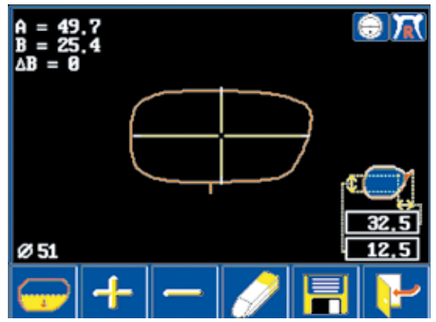
ESSILOR
DELTA T

Essilor's compact, multi-function Delta T is the ideal solution for workshops wishing to optimise their work space with a high-performance digital system which caters for the requirements of new lenses and new treatments.

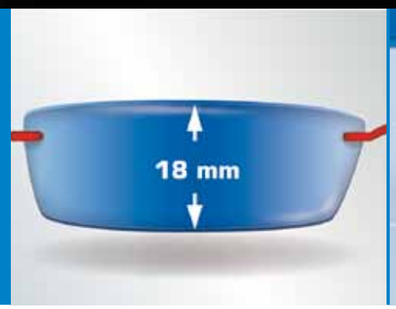
THE COMPACTNESS OF AN ALL-INCLUSIVE SYSTEM

Designed to fit into the smallest workshops,
Essilor Delta T offers lens centering and blocking functions.

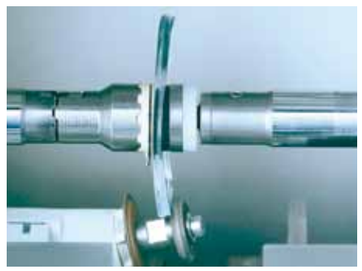
- Easier centering: centering cross suited to each lens type
- Visibility under all circumstances: unique colour inversion system
- Check for the appropriate lens diameter: Display of the shape on a 1:1 scale
- Integrated shape modification: A dimension, B dimension, ½ B dimension or scaling.



All the qualities of 3D...



...at each stage of the cycle



THE PRECISION OF A 3D EDGER

Essilor Delta T combines all the qualities of 3D technology for optimal mounts on first edging:

- Sequential lens tracing before roughing: verification of lens fit, measurement of lens thickness and camber
- Edging of all materials: mineral, organic, polycarbonate, medium & high indices, Trivex
- Polishing of all plastic materials
- Edging of the narrowest shapes, down to 18 mm in flat-edge finish
- Large choice of bevel and groove customisation options: automatic, distributed, following the front surface
- Chamfering: through the use of a dedicated, flexible, patented wheel. The tilt of the wheel varies according to the shape and camber of the lens to guarantee safety and a beautiful finish.

COMBINED WITH THE TESS TRACER, DELTA T OFFERS THE BEST IN TERMS OF SHAPE TRACING TECHNOLOGY.

TESS TRACER:

- Binocular tracing of all shapes
- Storage capacity for 200 shapes
- Feeler with a patented design for optimal tracing of all shapes
- Adaptable tracing cycle according to the shape and thickness of the frame
- Swivelling grips preventing any deformation of flexible frames
- Capture of frame groove profile ensuring perfect lens fit
- Frame asymmetry taken into account