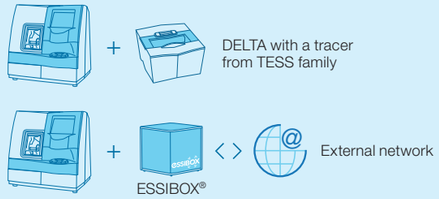
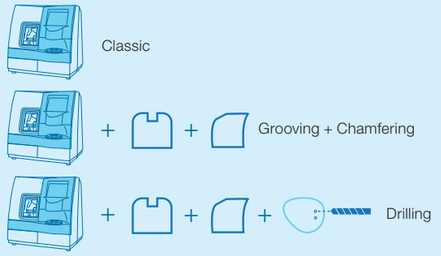
CONNECT YOUR DELTA 2 WHEN NEEDED

For very special frames or for remote edging services, Delta 2 can be connected:



3 LEVELS OF CONFIGURATIONS TO FIT YOUR NEEDS



TRACING-CENTERING-BLOCKING

FRAME TRACING	· Automatic optical shape tracing in 3 Dimensions. Automatic tracing of patterns, demo lenses, recut lenses and tinted lenses. · Pre-positioning of the drill-holes and their settings on a demo lens or a recut lens.
LENS CENTERING	· 2-track optical video system without parallax.
Manual centering	· Single vision lenses (using focimeter dots or re-marked micro-engravings). Progressive and Mid-distance lenses (using re-marked micro-engravings or manufacturer markings). Bifocal and trifocal and executive lenses.
Centering Help	· Specific centering cross adapted to each type of lens. Zoom mode integrated. Magnification: X2. Auto confirmation of the centering position based on the focimeter dots. · Input of centering parameters: PD: 1/2 PD, ΔX. Centering mode: Boxing, Datum or X,Y. · 3-D compensation.
LENS BLOCKING	Manual. Special tool for hydrophobic lens with sticker.
SHAPE MODIFICATION	Scaling, A-side, B-side, ½ A-side, ½ B-side, D-dimension, shape modification in one point, rotation, shape alignment, shape regularity correction.
DATA BASE STORAGE	500 positions job database. (1.000 in option).

EDGING

ROUGHING CYCLES	· Standard . EAS (Edging Assisted System) cycle with intelligent approach of the wheel.
LENS MATERIALS	· CR39, MHI, PC, TRX, TRIBRID AND MINERAL (option). Edging pressure varying according to the material to be edged.
TYPES OF FINISH	
Bevel	· Automatic bevel. Customized bevel: distributed bevel (%), front surface tracking, rear surface tracking, partial and global adjustment, displacement.
Grooving	· Automatic groove. Customized groove: distributed groove (%), front surface tracking, rear surface tracking, partial and global adjustment, displacement. · Groove depth adjustable from 0.20 to 1.20 mm. Groove width adjustable from 0.55 to 1.20 mm.
Chamfering	· Chamfer adjustable on front and rear surfaces.
Drilling	· Automatic adjustment of drilling angle according to lens curve up to 15°. · Hole diameter: 0.8 to 3 mm. Types of drilling: through-hole, non-through hole, straight or tilted notch, slot and spot-facing.
Polishing and Flat-edge	· Lens edging capacity: Min. B-dimension: 17 mm for flat edge, 18.5 mm for bevel.
OTHERS	· Mono feeler, non simultaneous front and back side of the lens. 3-D preview of the bevel and groove before the start of the cycle. · Automatic wheel cleaning cycle. · 3 or 4 wheels versions (depending of the lens material).

SYSTEM

NETWORKING POSSIBILITY	· Tracers (Essilor Tess Family, Essilor Phi), PC, Essibox.
OTHERS	· Color touch screen: 8.4 inches; Screen resolution: 800x600. · Statistics and technical history. Integrated auto-maintenance functions (self-calibration, autotests). · Dimensions: L 550, D 500, H 580 mm - Weight: 58 kg. · Power supply: 220-240V - 50/60 Hz or 100-120V - 50/60 Hz. · Power consumption: 1350 W - 10A for 220-240V and 15A for 100-120V.

CE marking conformity

As improvements are made, these specifications are not contractually binding and may be modified without prior notice.
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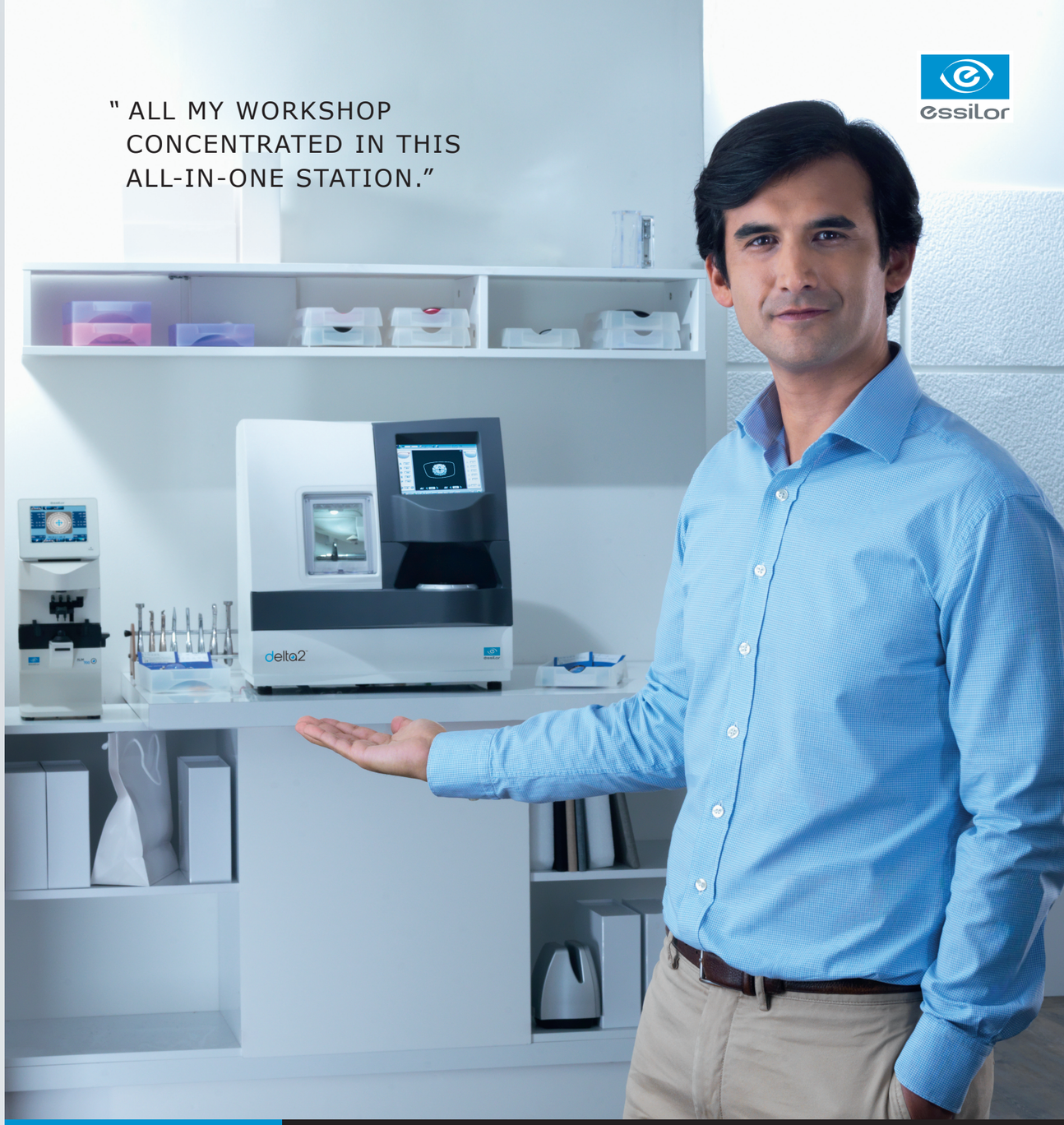
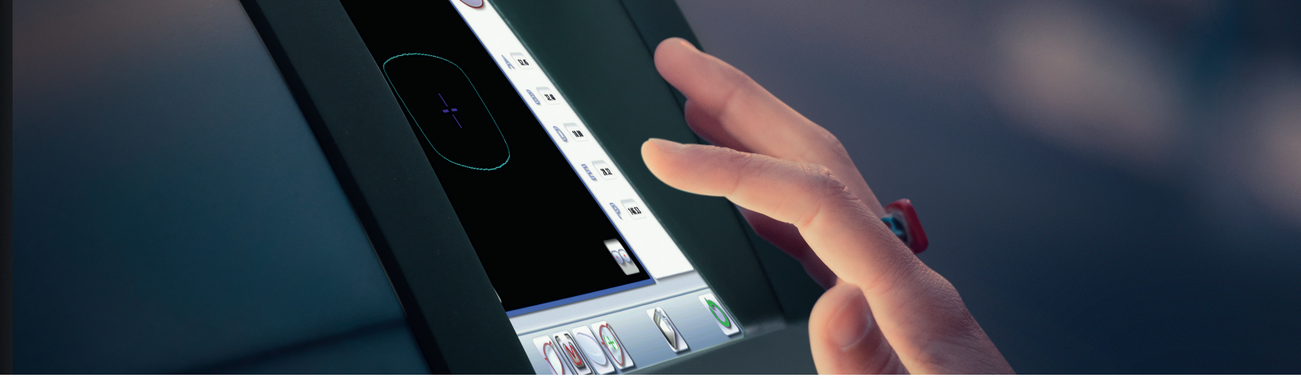


DELTA 2™

WE REINVENT SIMPLICITY FOR YOU

delta2™

Do you lack space or have budget constraints?
Are you looking for solutions that are simple, user-friendly and more intuitive?
Do you need to increase productivity while you maintain compatibility with mechanical tracers?



delta2™

THE NEW COMPACT EDGING SYSTEM THAT REINVENTS SIMPLICITY FOR YOU

PROFIT FROM A COMPACT, HIGH-PERFORMANCE SYSTEM THAT COVERS ALL THE ESSENTIALS

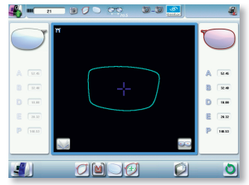
- **Has all necessary functions** for tracing, centering, blocking and edging
- **Traces all types of lenses** including demo lenses, re-cut lenses and patterns - irrespective of the lens color and the lens power
- **Centers and blocks all kind of corrective lenses including re-cut lenses**
- **Edges all types of materials** up to base 6 including hydrophobic lenses
- **Exists in 3 configurations fo fit your daily needs**

WORK WITH MORE COMFORT, SPEED, PRECISION AND VERSATILITY

MANAGE ALL TASKS USING A NEW ALL-IN-ONE HIGH-PERFORMANCE DISPLAY

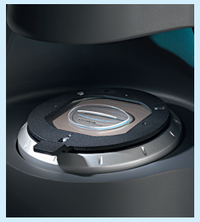
All functions traditionally performed by 2 or 3 instruments (Tracer, Center/Blocker, Edger) are now on one single display that provides two comfortable ergonomic improvements:

- Natural posture reducing muscular stress
- No need to move from one piece of equipment to another



DO TWO THINGS AT THE SAME TIME

Thanks to its fully parallel workflow, you'll be able to prepare a new job while edging a lens at the very same time without any restriction.



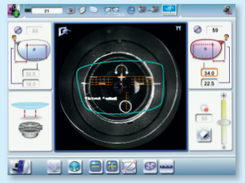
TAKE ADVANTAGE OF THE PRECISION AND SPEED OF THE OPTICAL SHAPE TRACING

Its new "Place and Trace 3D technology" allows you to trace any shape in a few seconds, ensuring extreme precision of the lens contours in 3D with the Optical Shape Tracing technology (OST).

STREAMLINE YOUR MOVEMENTS

Its patented innovative centering/blocking system introduces a natural and smooth flow of movements, greatly reducing the number of operations.

GET QUICKLY UP TO SPEED WITH STEP-BY-STEP VIDEO



The Delta 2 video-assisted job preparation process ensures a precise and parallax-free lens centering. The selective zoom function guarantees a perfect visualization of the lens.