



Mr Orange



MR ORANGE

BORN TO RAISE STANDARDS.

You gained a lot from the Kappa generation.  
Mr Orange will bring you even more.

**More integrated functions** such as optical tracing and management of base 9 in all finishes.

**More perfect results** due to optimum balance between performance and execution time.

**More precision** in adjustment of your jobs through absolute control of the lens/frame pair.

**More simplicity** due to intuitive navigation and latest generation touch interface.

**More comfort**, especially in centering, due to its new open and ambidextrous space.

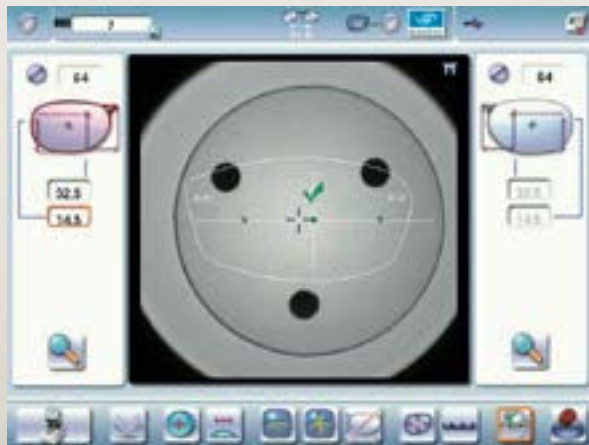
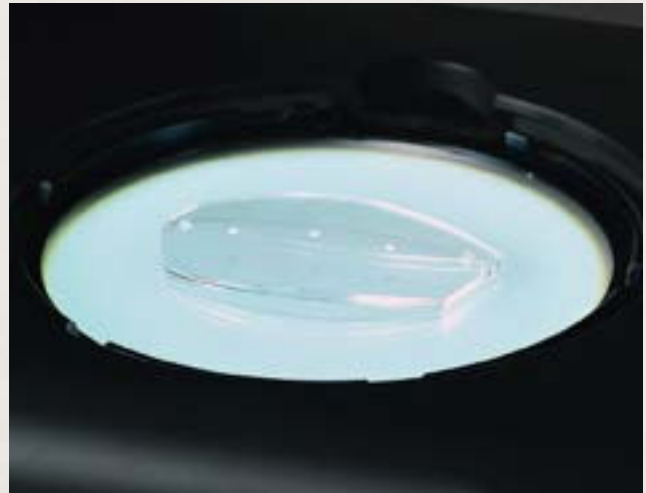
**More security** with its exclusive functions combining auto-control and visual alerts.

**More connectivity** both inside and outside the shop with essibox and remote maintenance.



### It even traces between the lines and stores everything twice as fast.

- Simultaneous acquisition of the shape and drilling data.
- Direct tracing without handling the lens or any accessories.
- Simple, easy access to the shape and drilling libraries.



### Precise centering straight to the goal.

- Centering aid: real-time orientation and validation of the best centering position.
- Centering free from all prismatic effects, irrespective of the lens power.
- Automatic adjustment of decentrations depending on the frame parameters (curve angle, base and pantoscopic tilt) and on the wearer data.

### Efficiency based on comfort.

- Centering space designed for all lens geometries: curved, large diameter and re-cut lenses.
- Hand rest and front loading blocking arm designed for ambidextrous use.
- Soft touch finish of the centering range for work comfort and more accuracy.



# A new standard for the most difficult jobs.



## Caution! A highly stimulating requirement level.

- 30° tool inclination: combined with analysis of the lens geometry, this movement amplitude is the only one to guarantee an outstanding result, irrespective of the lens finish (grooving, drilling, bevel) and camber.
- Fit-4-frame technology: exclusive and patented, this function is used to determine at 4 strategic points the bevel profile best adapted to the frame groove depending on lens thickness.

Result: the lens is held perfectly without compromising the aesthetics



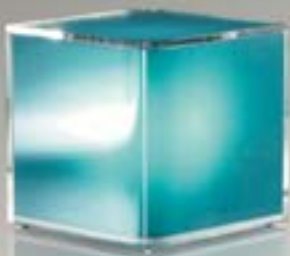
## Lenses are designed to change, so is he.

- Star Control process: reserved for lenses given hydrophobic treatment, this cycle offers outstanding control of the lens integrity (centering, edging, treatment resistance), irrespective of the material, shape and finish.
- Real-time control of cutting forces: integrated in the cycles, this new technology offers the best execution time/performance ratio.
- Customized finishes: complementary to automatic cycles, customization of the finish parameters offers an irreproachable result and guarantees that the lens fits perfectly under all circumstances.





## A new standard in conectivity!



**Associated with Essibox,  
his services are highly refreshing.**

- Inter-connectivity: data sharing between devices and between shops secures and optimizes perfect job management.
- Remote maintenance module: Mr Orange keeps in top shape by downloading updates and performing remote diagnosis.







From tracing to finish, Mr Orange  
raises the standards of efficiency.

**Its level of tracing is so high that it can already read the future.**

- Binocular tracing in 3 dimensions up to base 9.
- Feeler profile and inclination\* designed to follow even the most complex grooves.
- Mechanical design recognized for its precision and regularity.

\*Essilor patent.



A perfectly balanced  

---

concentrate of energies.



## Technical characteristics

### Mr Orange Tracer – Centerer - Blocker

Frame tracing	Automatic binocular tracing in 3 dimensions. High-precision cycle with acquisition of groove profile. Advanced High-Base Cycle.
Optical tracing	Demo lenses, recut lenses and patterns.
Database	Shapes and drilling models.
Centering	2-way optical system with prismatic correction. Centering cross adapted to each lens type. Built-in zoom.
Centering aid	Progressive lenses and single vision lenses. Automatic detection of centering marks (micro-engraving, marking, focimeter dots).
Shape modification	Scaling, B-dimension, 1/2 B-dimensions, A-dimension, 1/2 A-dimension, rotation, free-form modification.
Blocking	Front loading of the posiblock. Electrical clamping command with pressure control.

### Mr Orange Edger

Feeling	Front surface and rear surface simultaneously (Essilor patent).
Cycles	Standard and star Control.
Finishes	Automatic and customized. Bevel: 3D bevel reproduction, configurable trajectory. Groove: Configurable trajectory, width and depth (steps of 0.05 mm). Drilling: Automatic, customizable adjustment of the drilling angle. Counter-bevel: Front surface and/or rear surface. Fit-4-frame: Height and width of shelf bevel customizable at 4 points (Essilor patent). Polishing: On flat-edge and bevel.
Versions	3-wheel and 4-wheel versions (depending on material): glass, plastic, medium-index, high-index, polycarbonate and Trivex.

### Mr Orange Digital System

Self-calibration – self-diagnoses – statistics and technical history.  
Boxing mode configuration.  
Possibility of network operation Essibox (ADSL) and PC connection.  
conformity marking – compliance with ISO standard 16 284 [compatible OMA 3.07].

	Tracer – Centerer - Blocker	Edger
Dimensions	L11.8 x W19.9 x H24.4 in	L22.4 x W19.3 x H21.6 in
Weight	49.6 lb	143.3 lb
Power consumption	250W	1350W
Power supply	230V or 115V – 50/60Hz	230V or 115V – 50/60

To allow ongoing improvements, these specifications are non-contractual and are subject to modification without notice.

