



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.

A perfectly balanced  

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concentrate of energies.





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.**

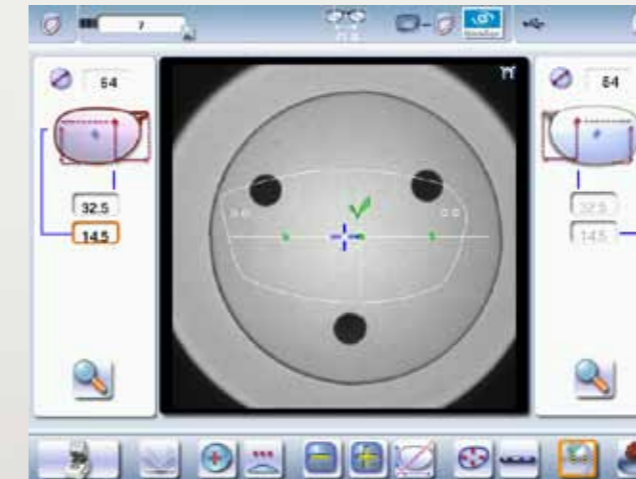
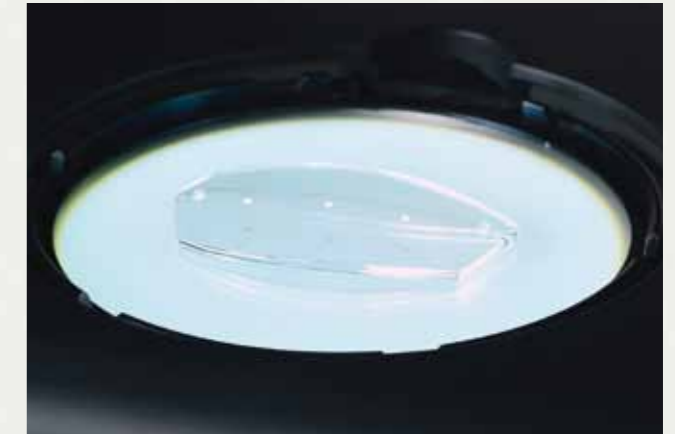
- Binocular tracing in 3 dimensions up to base 9.
- Feeler profile and inclination\* designed to follow even the most complex grooves.
- Mechanical design recognised for its precision and regularity.

\*Essilor patent.



**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 recut 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 connectivity!



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

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



# Mr Orange

## 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.  
CE conformity marking – compliance with ISO standard 16 284 [compatible OMA 3.07].

	Tracer – Centerer - Blocker	Edger
Dimensions	W300 x D500 x H620 mm	W570 x D490 x H550 mm
Weight	22.5 kg	65 kg
Power consumption	250W	1350W
Power supply	230V or 115V – 50/60Hz	230V or 115V – 50/60Hz

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

