



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

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.

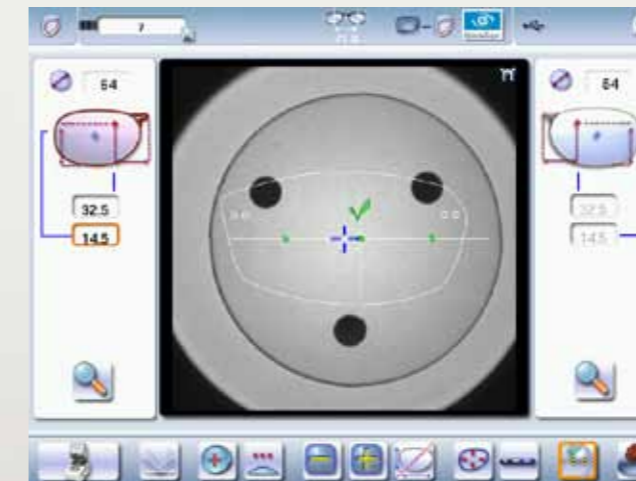
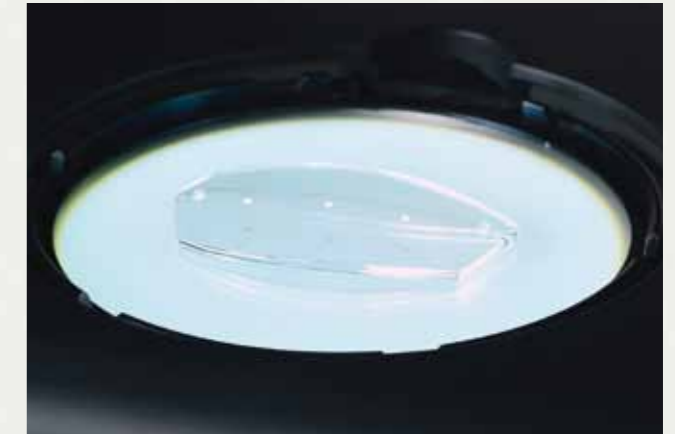
- Binocular tracing in 3 dimensions up to base 9.
- Feeler profile and inclination* designed to follow even the most complex grooves.
- Mechanical design recognised for its precision and regularity.

*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.

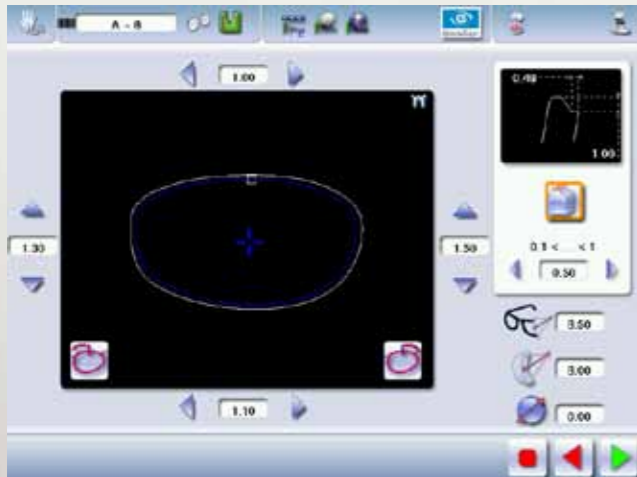


A new standard for the most difficult jobs.



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.



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