

**PREMIUM LENS DESIGNS, COATINGS & MUCH MORE...
ALL FROM YOUR OWN "IN HOUSE" BENCH TOP UNIT!**

Q-2100R LENS CASTING & AR COATING SYSTEM



Omega L.E.D.
"driven with integrity & excellence"

CREATE YOUR OWN PHOTOCROMIC LENSES

This NEW, Exclusive and SAFE technology can allow you to create your own photochromic lenses! Please call us for details!



sun^and^d FUN colors

The Optical Dynamics Digital Lens System is distributed exclusively by Omega LED Ltd

- No waste, completely environmentally friendly
- Produce 1.6 index lenses with digital freeform surface in less than 1 hour
- Apply AR coat or mirror coat in just over 1 hour
- Make Free Form optical lenses in single vision, bi-focal and multi-focal design
- Create clear, Photochromic or transition 6 equivalent lenses
- Apply MAR coatings in house using the latest NANO AR technique
- Apply hydrophobic coating in house
- Make mirror/chrome special effect lenses
- No extra staffing costs needed and fits into restricted space
- Cleaner than traditional surfacing systems

A completely new approach...

- nanoCLEAR AR™ lenses are born anti-reflective, anti-scratch, and anti-UV
- Nanoparticles & in-mold fabrication leave smooth surfaces that are durable & easy to clean

nanoCLEAR AR™ chemistry

Optical Dynamics has utilized breakthrough nanoparticle technology in the development of its nanoCLEAR AR™ chemistry. To ensure:

Safe to use, Easy to ship, Easy to store

Call us today on 0161 926 8884



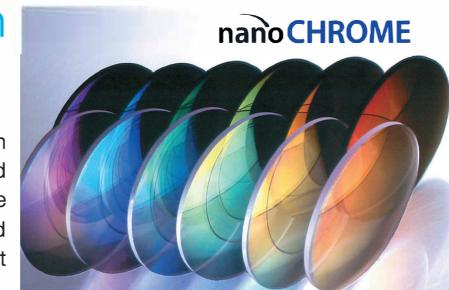
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Telephone: 0161 926 8884 • Email: info@omegaled.co.uk • Web: www.omegaled.co.uk

All this can now be done within
your own optical store

The Q-2100 Digital Lens System with nanoCLEAR AR, is an improved method of making lenses with tighter tolerances and enhanced visual clarity. The proprietary digital process uses free form generated molds to create a finished Rx direct from liquid plastic, eliminating the need to cast a semi-finished blank that is later surfaced to the final prescription.



The technology allows for the production of a full line of high index lenses in office, with or without anti reflective coating, while providing improved service, customer satisfaction, and business profitability.

In approximately 30 minutes for scratch coat, or 90 minutes for anti reflective or mirrors, you've made a lens that's ready to be edged and dispensed to the customer. From start to finish, the digital lens production process is very user friendly and is easily integrated into almost any optical business environment.

All Systems Include:

- Q-2100R Main Chamber, Post Cure, Flash Fill System, & Mold Cabinets
- CFL-18 Progressive Molds (min fit 16mm)
- FT-28 Molds
- Aspheric Single Vision Molds
- Sphere & Toric Back Molds Rx Range of +4.00 to -6.00 out to -2.50 Cylinder (stair stepped)

Available Upgrades:

- SC-16 Short Corridor Progressive Molds (min fit 14mm)
- Paradigm-22 Progressive Molds (min fit 20mm)
- 2nd Flash Filling Unit



Lighter, Faster Photochromic

- Clear indoors, dark outdoors
- Outstanding activation and deactivation speed
- Adapts easily to the wearers environment
- Photochromic transmittance = 89% inactivated
- A unique value for your patients and your practice



The Ultimate in Outdoor Activation

- Sunglass dark when activated
- Exceptional high temperature performance
- Maintains darkness longer in changing light conditions
- Perfect for active outdoor lifestyles
- Moderate activation behind windshield