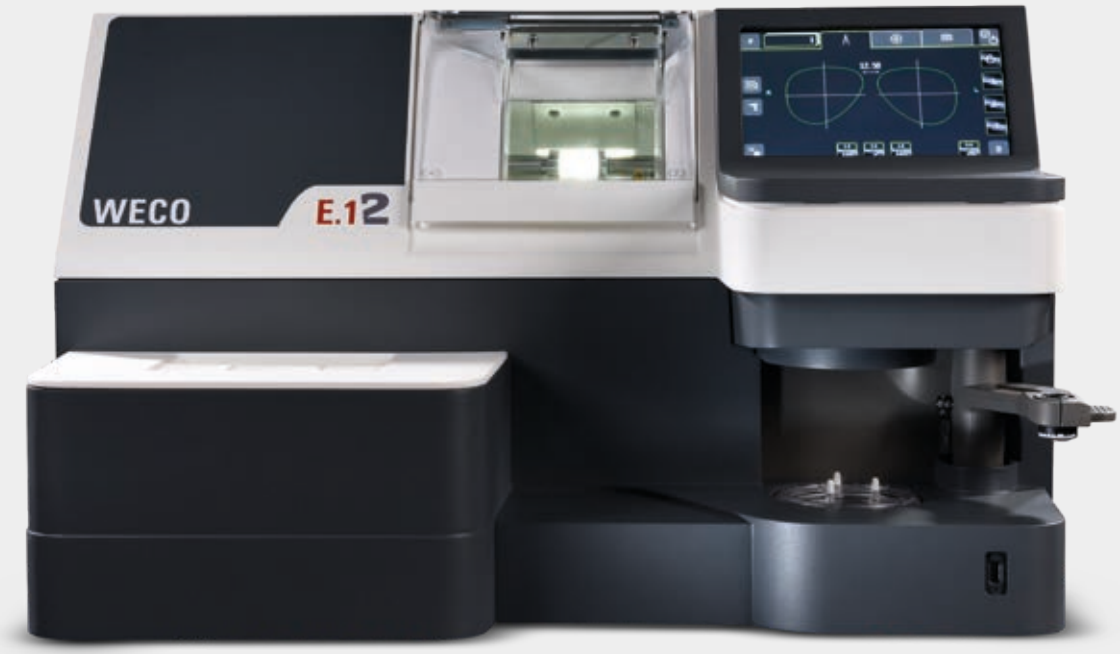
weco e12

Breaking the rules again

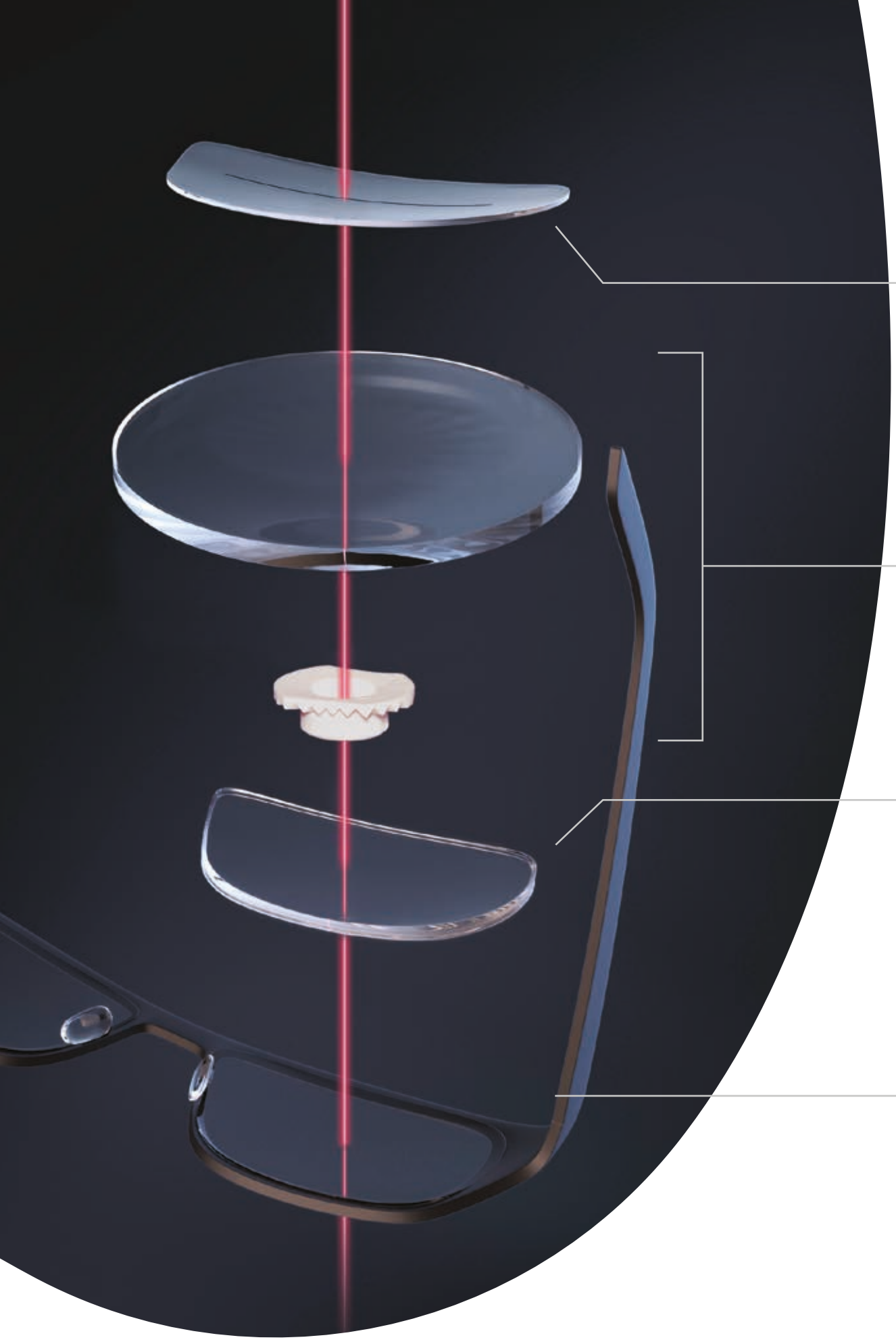


VISIONIX

INNOVATION TO UNLOCK YOUR POTENTIAL

The rulebreaker with Gravitech® embedded

Weco e12 is a feature packed system that stands out in it's market segment. With drill inside the perfect equipment for your workshop.



Gravitech® technology all along the process

1. GRAVITECH® OPTICAL TRACING

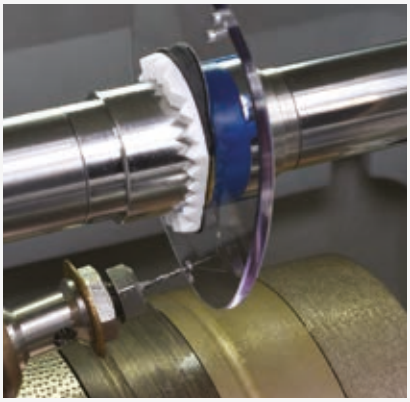
- Superior tracing accuracy for shapes over a mechanical tracer
- Factors in the base curve of the lens to recreate the complete 3d shape of the lens
- Intuitive shape modification.
- Vast internal memory of 2,000 Jobs and 10,000 shapes
- Automatically recognize drill points with minimal adjustment needed
- When a demo lens is missing or broken, with Shape Creator in a few steps a frame can be traced optically.

2. GRAVITECH® BLOCKING

- Parallax free blocking on the gravity axis
- High definition camera system to analyze lens markings and engravings
- Sturdy metal blocking arm for increased reliability and precision

3. GRAVITECH® FINISHING

- Edging on the gravity point of the lens ensures 1:1 shape reproduction of the lens
- Fixed 10° grooving angle with adjustable depth and width
- Front and back-side safety bevel on the lens
- Fixed 10° drilling angle to cover the vast majority of drill jobs



4. GRAVITECH® FITTING

- Fewer retouches and more accurate sizing with Gravitech®
- A superior fit and polish on a finished lens
- Demo lens tracing prevents inaccurate trace results from frame distortion on thin metal eyewear
- The demo lens trace represents the true shape needed to accurately fit in a frame

Technical specifications

DIMENSIONS :

WIDTH	29.4 in (747.3 mm)
DEPTH	23.6 in (600 mm)
HEIGHT	17.9 in (455 mm)
WEIGHT	143lb (65,3 Kg)
VOLTAGE	230 V-50 Hz 115 V-60 Hz

Complies with safety directives:
EN 61010-1, Di 2006/42/EC, Di 2014/35/UE, Di 2011/65/UE, Di 2012/19/UE

Complies with EMC directives:
Di 2014/30/EC, EN 61000-3-3 (EN 55016-2-3 “Classe B”), EN 61000-3-2, EN 61000-6-2

UL standards for 120 V version:
UL/CSA 61010-1

GraviTech® 2.0	• Accurate optical detection of demo lenses and patterns (including drill hole detection) • Gravity oriented 1:1 reproduction of the demo lens • Shape Creator optical frame tracing for when no demo lens is available
Shape Administration	• Job Memory: 2,000 Jobs (including Centering and Edging Parameters) • Shape Memory: 10,000 Shapes (including Drill Hole Parameters) • Shape Modification: A / B / 1/2 B/ Circumference / Radius / Axis
Centering	• Single Vision, Bifocal, Trifocal, Progressive (Markings and Engravings) • Manual centring: Parallax-free digital blocking • Lens fitting check (Measured prior blocking)
Edging	• Processing of Glass, CR39, High Index, Polycarbonate and Trivex® • Two Sided Measurement of lens with one touch probe • Multiple V-Bevel Programs • Polishing of Flat and V-Bevel
Special Features	• Fixed 10° grooving angle incl. different programs • Variable Groove width and depth • Chamfering: Front in one step / Back in 3 steps • Fixed 10° drill angle
Communication	• OMA V3.07 • Remote Tracing Capability

	E.12	E.12 GROOVE
Tracing	Gravitech®	Gravitech®
Safety Bevel	•	•
Grooving	•	•
Super-Hydrophobic Lens Cycle	•	•
Small Eye Sizes < 21mm	•	•
Color LCD Display	•	•
Touch Screen Interface	•	•
High Luster Polish	•	•
Driling	Fixed 10°	

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