

weco E12

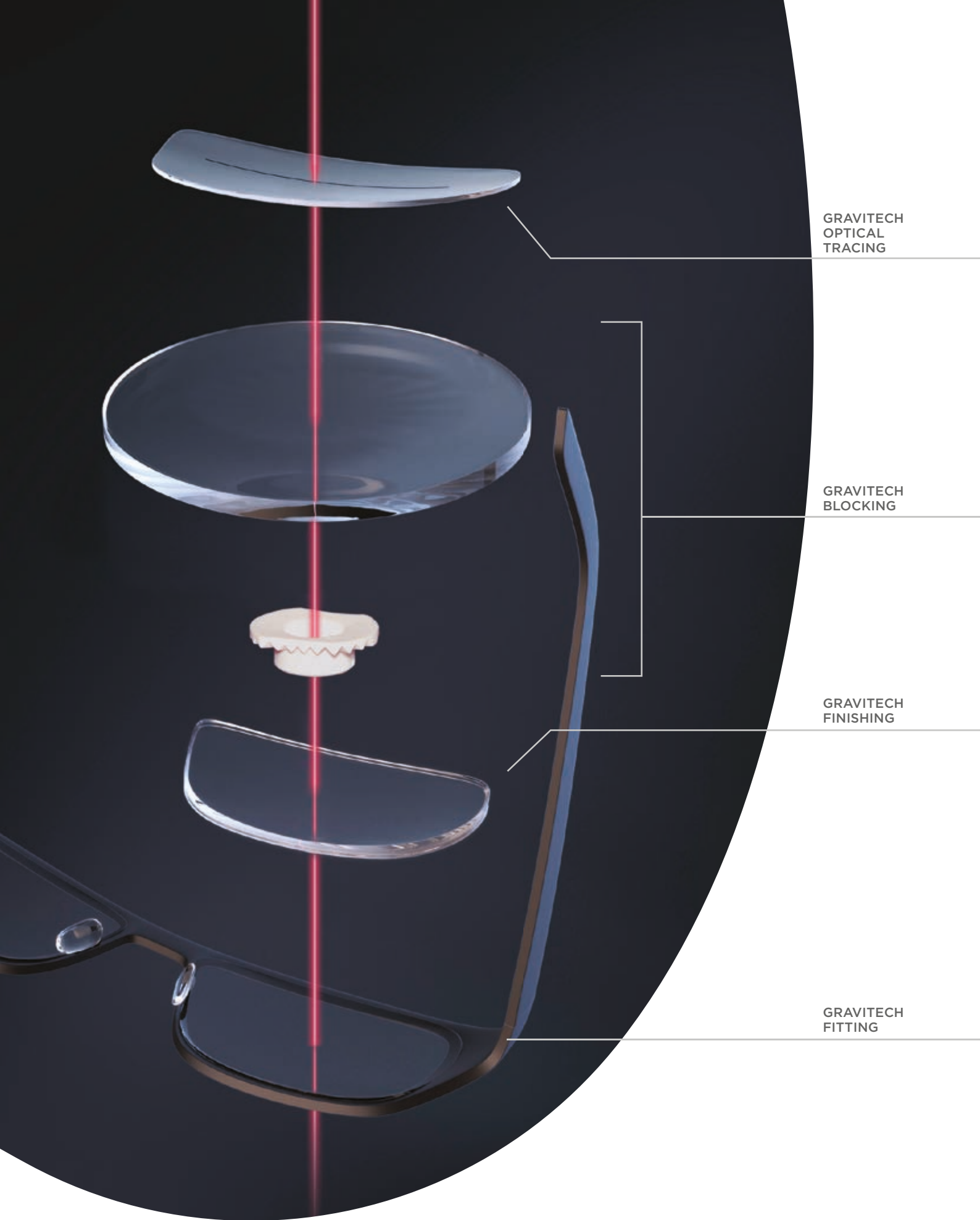
Breaking the
rules again



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
OPTICAL
TRACING

GRAVITECH
BLOCKING

GRAVITECH
FINISHING

GRAVITECH
FITTING

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.



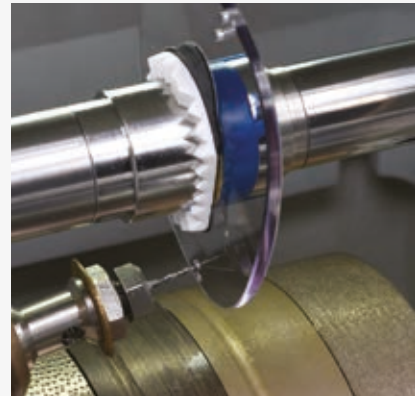
2. GRAVITECH BLOCKING

- 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Single Vision, Bifocal, Trifocal, Progressive (Markings and Engravings) • Manual centring: Parallax-free digital blocking • Lens fitting check (Measured prior blocking)
Edging	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • OMA V3.07 • Remote Tracing Capability

	E12	E12 GROOVE
Tracing	Gravitech	Gravitech
Safety Bevel	•	•
Grooving	•	•
Super-Hydrophobic Lens Cycle	•	•
Small Eye Sizes < 21mm	•	•
Color LCD Display	•	•
Touch Screen Interface	•	•
High Luster Polish	•	•
Drilling	Fixed 10°	



INNOVATION TO UNLOCK YOUR POTENTIAL

VISIONIX INTERNATIONAL SAS

2 Rue Roger Bonnet, 27340 Pont-de-l'Arche - France
Tél. + 33 232 989 132 - Fax + 33 235 020 294
contact@visionix.com

www.visionix.com