



E.1

THE RULEBREAKER

WECO

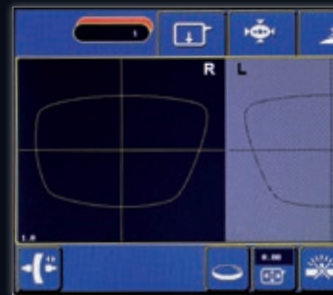
The Vision of Progress

WECO E.1

REVOLUTIONARY NEW TECHNOLOGY

GraviTech®

Sometimes the simplest solution has the strongest impact. With WECO E.1, the Demo Lens is balanced on its' gravitational point offering a unique ability to capture it's consistent and unique shape. By taking this gravity point into account during the blocking and edging process, GraviTech® Technology delivers perfect sizing without mechanical distortion of the frame at an incredible speed. WECO E.1 is a feature packed system that stands out in it's market segment.

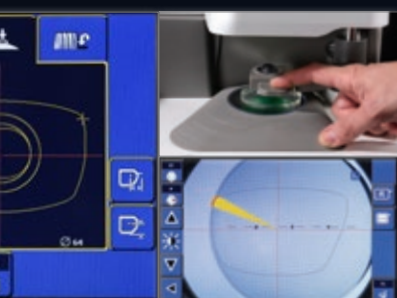




Fast and Effective: GraviTech® Tracing

The process starts with placing the Demo Lens on its' convex side on the layout plate. The gravitational point of the balanced lens ensures a consistent and perfect digital copy of the shape.

- Accurate Shape Recognition
- Easy Determination of Frame Curvature
- Fast Process (< 3 sec.)



Accurate and Secure: GraviTech® Centering and Blocking

Next, the Lens is centered according to the calculated Gravity Point. This unique contact point on the balanced lens is used as the reference for blocking.

- Parallax Free Blocking
- Partial Measurement Process ensuring Fitting of the Lens
- Digital Centration Process



Precise and Versatile: GraviTech® Finishing

Edging around the Gravity Center takes into account the same contour as previously detected in the first step. This patented technology delivers astonishing accuracy and unparalleled consistency never before seen with outside tracing.

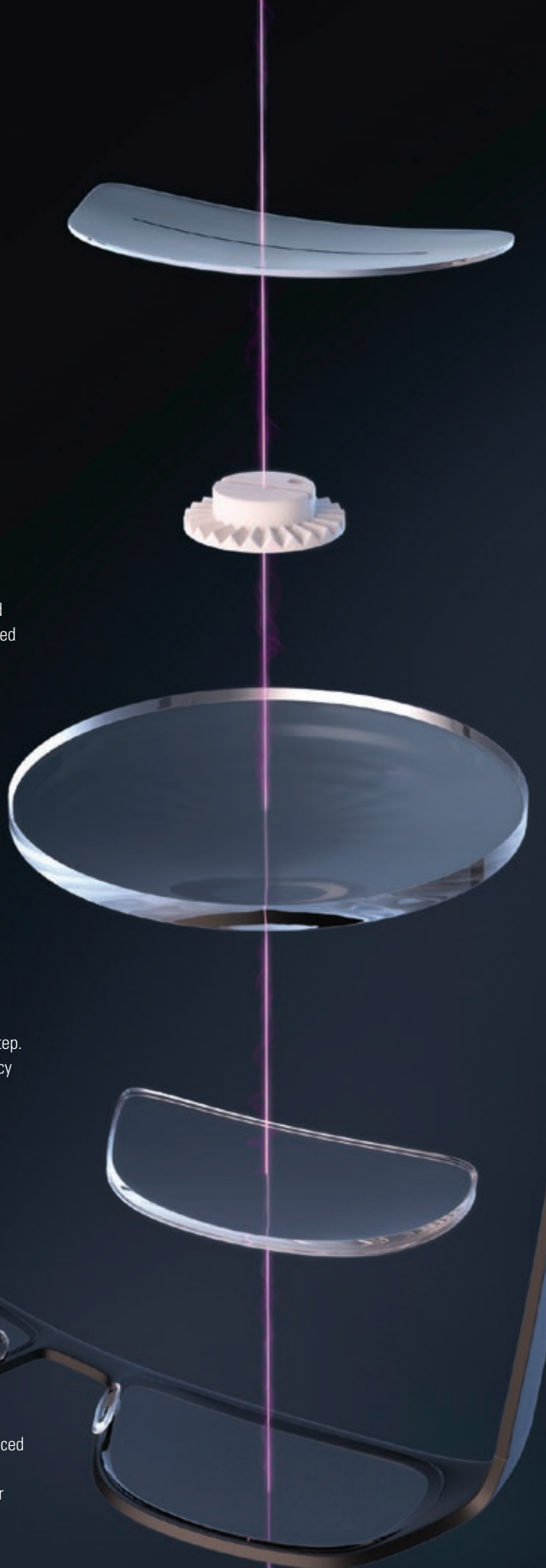
- Multiple Edging Programs
- Safety Processing included
- Includes Grooving and Safety Bevel
- Perfect Contouring with 90mm wheels



Perfect Results ensure: GraviTech® Fitting

This incredibly easy-to-use technology is just one of many capabilities offered by WECO E.1. Due to advanced finishing capabilities such as shape modification with an on-screen comparison function for before and after changes, even more complex tasks including edging multifocal lenses are able to be performed with ease.

- Useful shape modification for multi-focals
- Modification of Shape Axis with Live Re-Check
- Exceptionally accurate "first fit" rate



E.1

TECHNICAL SPECIFICATIONS



Width	28.6 in. (728 mm)
Depth	23.6 in. (600 mm)
Height	17.4 in. (442 mm)
Weight	165 lbs. (75 kg)
Power	9.5 A
Voltage	230 V-50 Hz 115 V-60 Hz

Complies with safety directives:
EN 61010-1, Di 2006/42/EC
Di 2006/95/EC, Di 2002/95/EC
Di 2002/96/EC

Complies with EMC directives:
Di 2004/108/EC, EN 55022
"Classe B", EN 61000-3-2,
EN 61000-3-3, EN 61000-6-2

UL standards for 115 V version:
UL/CSA 61010-1

WECO E.1

GraviTech®

- Accurate Detection of Demo Lenses and Patterns
- Touch Free Optical Capturing System
- Based on GraviTech®

Shape-Administration

- Job Memory: Stores up to 300 Jobs (including Centering and Edging Parameters)
- Shape Memory: Stores up to 200 Shapes
- Shape Modification: A / B / 1/2 B/ Circumference / Radius / Shape-Axis (with Live-View Confirmation)

Centering

- Single Vision, Bifocal, Trifocal, Progressive
- Manual Centering: Parallax-Free Digital Blocking
- Manual Detection of Centration References (Measured Prior to Blocking) Prior to Blocking

Edging

- Processing of Mineral, CR39, High Index, Polycarbonate and Trivex®
- Two Sided Measurement of lens with one measurement feeler
- Multiple V-Bevel Programs
- Polishing of Flat and V-Bevel

Special Features

- Grooving with a defined angle of 10° incl. different programs
- Variable Groove width and depth
- Chamfering: Front in one step / Back in 3 steps

Communication

- OMA V3.07
- Prepared for Remote Tracing

Versions available

	Shape Modification	Parallax Free Blocking	Digital Centering	Guided Bevel	Polish V-/ Flat Bevel	Safety Bevel	Guided Grooving
E.1	○	○	○	○	○	○	○



LUNEAU TECHNOLOGY OPERATIONS

2 rue Roger Bonnet, 27340 PONT DE L'ARCHE - FRANCE - Tel. + 33 232 989 132 - Fax + 33 235 020 294 - www.weco-instruments.com