



briot

The Vision of Innovation

—

perception

Powerful Simplicity

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perception

IMAGINE TRACING A LENS...

**With an
Ease of Use You
Can't Imagine**

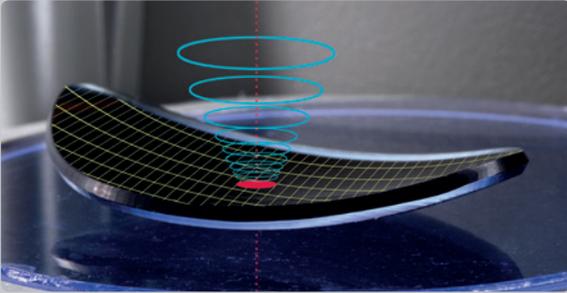
**With the
Necessary
Precision**

**In the Blink
of an Eye**



YOUR IMAGINATION BECOMES REALITY WITH GRAVITECH®

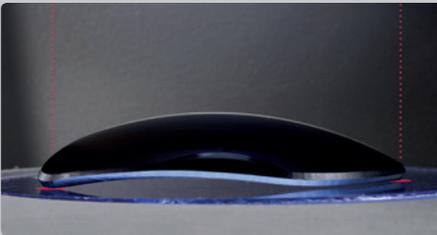
1st Step: GraviTech® Recognition



Gravity Measurement Technology:
Only one point of contact - The GRAVITY POINT !

Demo Lens Positioning on the Convex Side Allows:

- A unique lens contact point
- High repeatability
- Perfect digitalization of the shape



The Classic Position:
Has two points of contact and a larger risk of tilting

2nd Step: GraviTech® Blocking



Parallax Free Technology
Free of Prism Error



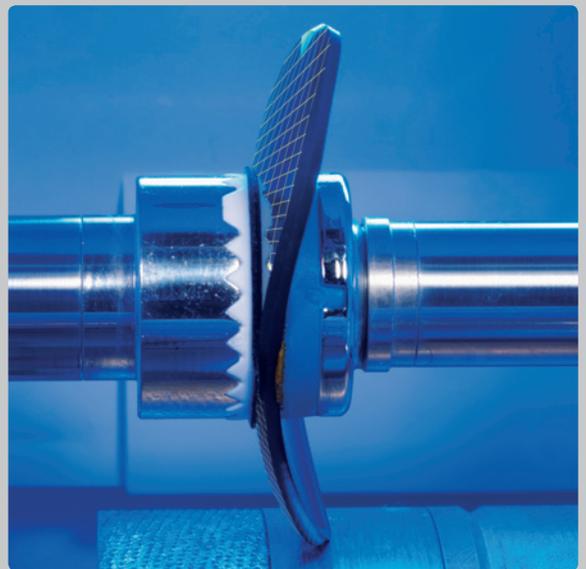
The Calculated Gravity Point is Used to:

- Position the block
- Create the relation between tracing and blocking
- Achieve the correct geometrical calculation for precision fit





3rd Step: GraviTech® Edging



Edging Around the Gravity Point Ensures:

- Perfect shape reproduction
- Exceptionally accurate sizing
- Gravity centered edging

4th Step: GraviTech® Fitting



A perfect fit right from the start

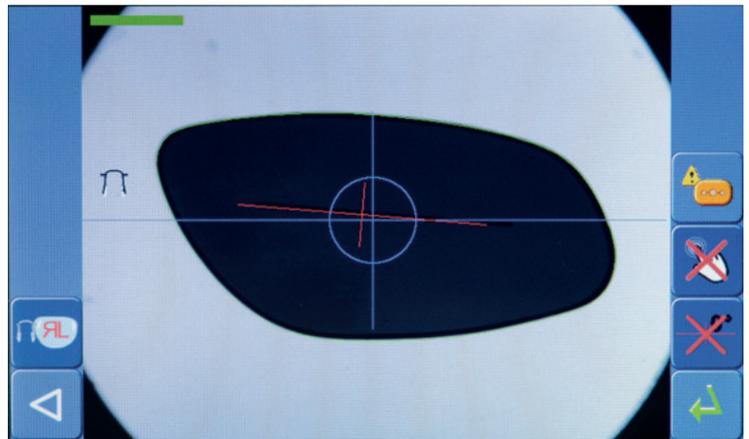
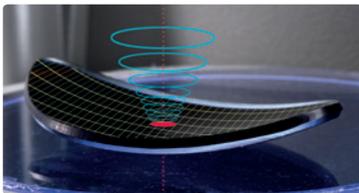
Gravity Technology Ensures:

- Highly accurate «first fit» rate
- Precision in sizing accuracy
- Easy & accurate edging technology

WHEN STARTING YOUR BUSINESS: THE FEATURE PACKED PERCEPTION HAS IT ALL

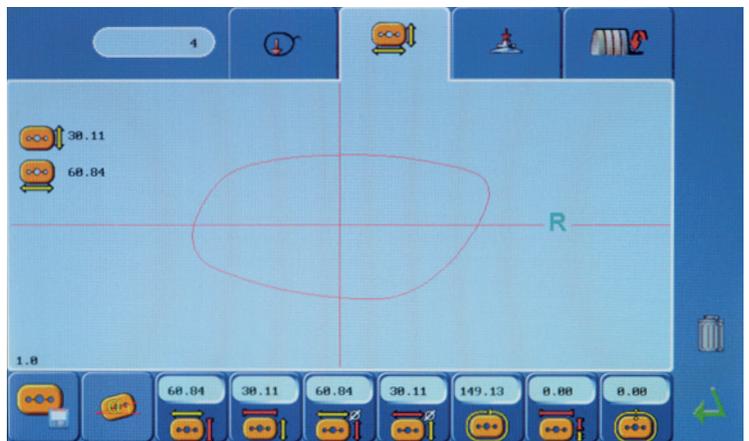
A New Concept in Optical Recognition

- Efficient: Fast Processing
- Reliable: Accurate Shape Detection
- Simplicity: Gravity Technology Offers the Ultimate Ease of Use



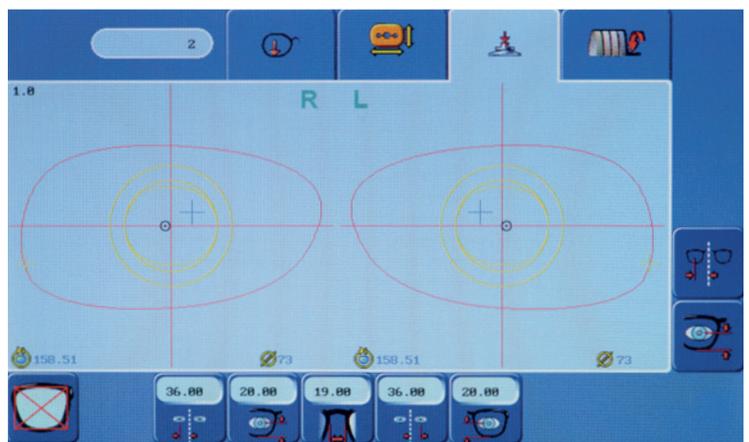
Easy Shape Modification

- Flexible: Shape Modification (Axis, 1/2 B, A, B)
- Organized: Easily accessible job database for up to 300 jobs
- Effective: Shape Memory for up to 200 Shapes



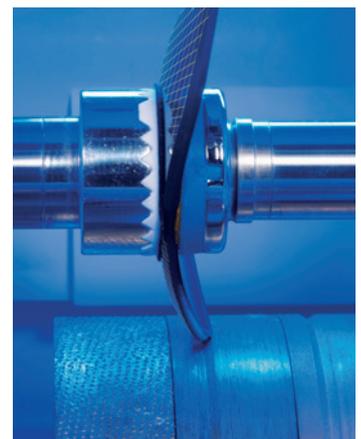
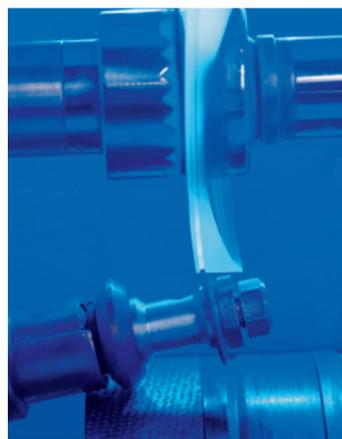
Parallax Free Digital Blocking

- Accurate: Parallax Free Blocking
- Secure: Select Critical Zones Prior Edging
- Precise: Manual Blocking Unit



Flexible Edging Process

- Versatile: Including Polishing of V and Flat Bevel
- Feature Packed: Grooving and Safety Bevel
- Accurate: Gravity Technology ensures precision fit for lenses



FUNCTIONAL SPECIFICATIONS

Width	28.6 in. (728 mm)
Depth	23.6 in. (600 mm)
Height	17.4 in. (442 mm)
Weight	165 lbs. (75 kg)
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

GraviTech®	Accurate 2D Detection of Demo and Pattern Lenses Touch Free Optical Capturing System Based on Gravity Technology
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
Centering	Single Vision, Bifocal, Trifocal, Progressive Manual Centering: Parallax-Free Digital Blocking Manual Detection of Critical Points: Measured Prior to Blocking
Edging	Processing of Mineral, CR39, High Index, Polycarbonate and Trivex® Two Sided Measurement of lens with only one measurement feeler Varying 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

Shape Modification	Parallax Free Blocking	Digital Blocking	Guided Bevel	Polish V-/ Flat Bevel	Safety Bevel	Guided Grooving
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PERCEPTION

