

briot

perception

perception

DESIGNED TO FIT

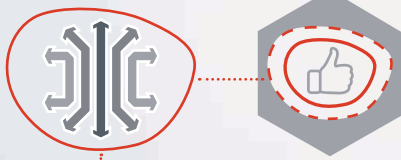
briot

The Vision of Innovation

# GraviTech<sup>®</sup> 2.0

## THE NEXT GENERATION OF TRACING TECHNOLOGY

- PERFECT SIZING, TRUE 1:1 SHAPE REPRODUCTION
- AUTOMATIC DRILL HOLE DETECTION
- OPTICAL FRAME TRACING
- NO ROUTINE CALIBRATION NEEDED!
- SUPERIOR RELIABILITY AND ACCURACY OVER MECHANICAL TRACERS



## GRAVITECH® TRACING

Simply place the lens on its convex side, gravity ensures the lens is perfectly balanced and positioned.



## GRAVITECH® BLOCKING

Blocking on the center of gravity, with no potential for errors caused by parallax or prism effects, ensures best sizing results after finishing.



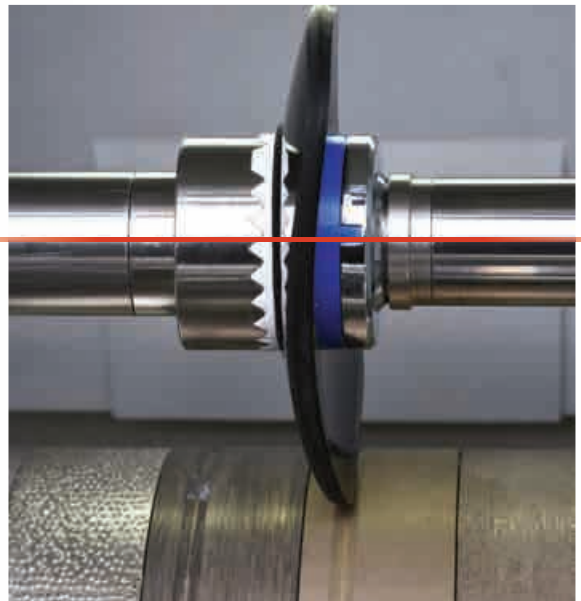
# GraviTech<sup>®</sup> 2.0

THE INNOVATION THAT «FLIPPED»  
THE RULES OF TRACING.



## GRAVITECH<sup>®</sup> FINISHING

Edging on the Gravity Axis delivers a perfect 1:1 reproduction of your demo lens.



## GRAVITECH<sup>®</sup> FITTING

The first technology to offer a perfect fit that eliminates many potential errors induced by lens base curve, shape, and the user.





# THE BEST FEATURES IN ITS CLASS



## Gravitech® Powered Drill-Mounts

Never before has drilling been offered in an edging system in this class, and never before has it been easier to operate. With Gravitech® Powered Tracing, you don't have to waste time manually programming drill-mounts, just scan the demo lens, and the drill mount holes are instantly recognized with minimal adjustment needed.



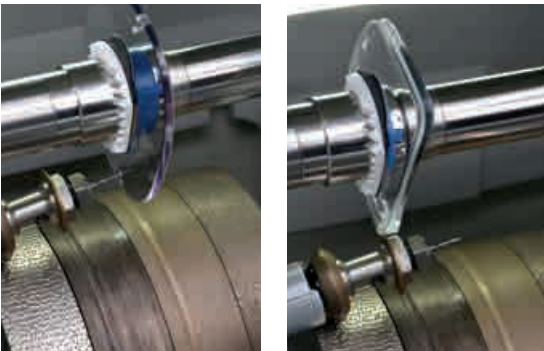
## No Demo Lens? No Problem.

Just take a photo of the frame and with the GraviTech(R) Tracer you will recreate the shape in a matter of seconds.



## Easy Lens Engraving Visualization

With its high definition optical camera, the Perception 2 makes sure you will see laser engravings on progressive lenses clearly and easily.



## Tilted 10° Drilling and Grooving

Add rimless and semi-rimless eyewear options without having to break the bank, with the Perception 2, you can kick those costly lab bills to the curb.



## Keep Your Lab Organized

The Perception 2 includes a convenient accessory tray to store the tools you need to complete your jobs. Speaking of jobs, the internal database of the Perception 2 can store up to 2,000 jobs and 10,000 shapes, allowing you to maximize your efficiency and build a huge library of rimless shapes.

## TECHNICAL SPECIFICATIONS



<b>Width</b>	29.4 in (747.3 mm)
<b>Depth</b>	23.6 in (600 mm)
<b>Height</b>	17.9 in (455 mm)
<b>Weight</b>	143lb (65,3 Kg)
<b>Voltage</b>	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

### PERCEPTION2 | ALL-IN-ONE EDGER

<b>GraviTech®</b>	<ul style="list-style-type: none"> <li>• Accurate Detection of Demo and Pattern Lenses</li> <li>• Touch-free Optical Tracing System</li> <li>• Get important 3rd Dimension with Digital Lens Clock and Wrap Finder</li> <li>• Based on Gravity Technology</li> </ul>
<b>Shape-Administration</b>	<ul style="list-style-type: none"> <li>• Job Memory: Stores up to 2,000 Jobs (including Centering and Edging Parameters)</li> <li>• Shape Memory: Stores up to 10,000 Shapes</li> </ul>
<b>Centering</b>	<ul style="list-style-type: none"> <li>• Single Vision, Bifocal, Trifocal, Progressive (Markings and Engravings)</li> <li>• Manual Centering: Parallax-Free Digital Blocking</li> <li>• Manual Detection of Critical Points: Measured Prior to Blocking</li> </ul>
<b>Edging</b>	<ul style="list-style-type: none"> <li>• Processing of Glass, CR39, High Index, Polycarbonate and Trivex®</li> <li>• Two Sided Measurement of lens with one measurement touch probe</li> <li>• Flexible V-Bevel Programs</li> <li>• Polishing of Flat and V-Bevel</li> </ul>
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• Tilted 10° drilling for holes, slots and notches</li> <li>• Tilted 10° grooving with different programs available.</li> <li>• Variable Groove width and depth</li> <li>• Chamfering: Front in one step / Back in 3 steps</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>• OMA V3.10</li> <li>• Remote Tracing Capability</li> </ul>



### PERCEPTION2 GROOVE

#### SPECIAL VERSION

When the drilling feature is not required the Groove version is the best alternative. It includes the same features as the PerCepcion2 (Flat Bevel, guided V-Bevel and Groove, Safety Bevel front and back) but without the option to fully process rimless frames.



#### Easy Database Import / Export Tool

- USB Connection
- Direct Software Upgrade
- Easily upload/download Shape Data



#### Improved Grinding Chamber Door

- Easy manual lifting and closing
- Transparent to review

## ABOUT US

The Luneau Technology group, bringing together the Visionix®, Briot® and Weco® brands, is a major force in the market, with a range of equipment to cover all the Eye Care Professionals' requirements: Refraction and ophthalmic screening, lens inspection in industrial production and lens cutting at the optician's. Our aim has always been to provide you with the latest technologies to permit quicker screening for visual disorders and provide a better quality of life, with ever more effective equipment.

