

The best finishing results with optimal control

Since its launch in 2012, the Briot Emotion edger has become an icon in the optical industry, praised for its ease of use and intuitive design. Over the years, it has evolved with cutting-edge technologies like Gravitech in 2018 and offering exceptional performance.

With the Emotion 3 and Perception 3, Visionix introduces two next-generation all-in-one edging systems delivering exceptional results for opticals looking for a core edging system for their lab.

The Briot Emotion 3 and the Briot Perception 3 feature patented Gravitech technology for precise 1:1 optical tracing in just 4 seconds. Their automatic drill hole detection and adjustable speed control ensure optimal accuracy and finish..

NEW CONTROLLED EDGING CYCLE

This new edging mode features an advanced anti-slippage cycle, keeping the ophthalmic lens stationary during edging to prevent misalignment or damage. Paired with Visionix's recommended double-sided pads, it ensures greater stability and precision. Adjustable edging wheel speed, combined with these pads, provides safe handling of high-value lenses to ensure a flawless finish.





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briot emotion3 | perception3

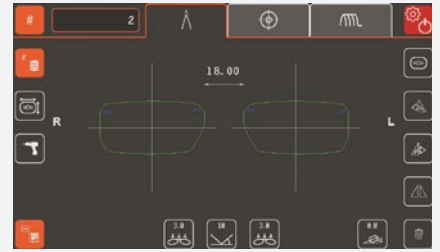
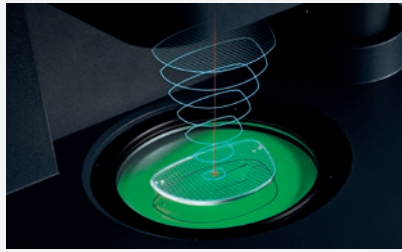
For more precision,
speed and control



Your all-in-one partner

GRAVITECH

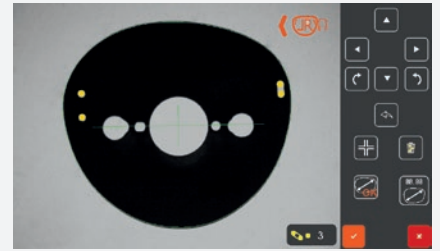
With Gravitech-powered tracing, you can easily scan a demo lens in a few seconds with accuracy that is superior to a mechanical tracer.



DRILL MOUNTS MADE EASY

Never before has it been easier to do drill mount work. With Gravitech, 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.

(Not available on Emotion 3 Groove or Perception 3 Groove)



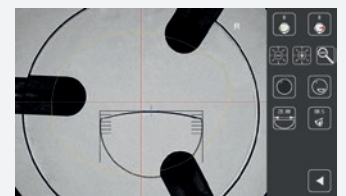
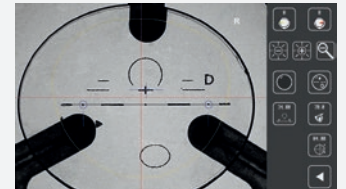
NO DEMO LENS? NO PROBLEM

The Emotion 3 comes equipped with a mechanical tracer for when a demo lens is not available. On the Perception 3, The Gravitech Optical Tracer can take a photo of the frame to recreate the shape.



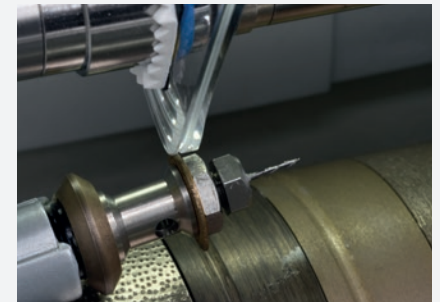
EASILY SEE LENS MARKINGS AND ENGRAVINGS

With its high definition optical camera, laser engravings are easily seen making progressive layout simple.



MINI BEVEL, TILTED 10°, DRILLING AND GROOVING

These edgers are designed for efficient drilling and grooving. Easy to handle and dependable, it provides the precision you need for everyday tasks, making it the ideal tool for all your jobs. Our minibevel technology helps ensure a perfect cosmetic fit with thin metal frames.



Technical specifications

Briot Emotion 3 was designed by our engineers in Normandy, France, and assembled in our state-of-the-art factory with the greatest care. Each component is crafted with rigorous quality-control protocols at each stage of the process, and all parts are guaranteed for up to 2 years and backed by our robust support team, ensuring you maximum uptime and reliability of your machine.

DIMENSIONS :

WIDTH	29.4 in (747.3 mm)
DEPTH	23.6 in (600 mm)
HEIGHT	17.9 in (455 mm)
WEIGHT	151lb (68,5 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

EMOTION 3 / PERCEPTION 3 - All-in-one edger

Tracing

- Mechanical tracer* :
 - Automatic 3D-Tracing
 - Monocular or Binocular Tracing Consecutively
 - Smooth manual frame clamping
- Optical Tracing :
 - All kinds of demo lenses with patented GraviTech Technology
 - Automatic Drill Hole Detection**
 - Shape Creator for freedom in designing shapes

Shape-Administration

- Job-Memory: 2,000 Jobs (incl. Centering and Edging Parameters)
- Shape-Memory: 10,000 Shapes with easy USB Database Import / Export
- Shape Modification: A / B / ½B / Circumference / Shape-Axis

Centering

- Single Vision, Bifocal, Trifocal, Progressive (Markings or Engravings) Parallax-free digital
- Manual centering: Parallax-free digital / optic / geometric
- Manual blocking

Edging

- Processing of Glass, CR39, High Index, Polycarbonate and Trivex
- Measuring both sides of the lens with one touch probe
- V-Bevel and mini bevel
- Polishing of Flat and V-Bevel

Grooving /Drilling

- Grooving with a fixed angle of 10° incl. different programs
- Variable Groove width and depth
- Chamfering: Front in one step, back in three
- Fixed 10° drilling angle for holes, slots and notches(Not available on Groove models)

Communication

- OMA V3.10
- Remote Tracing Capability

*Only available on Briot Emotion3 and Emotion 3 Groove

**Not available on Groove models

MODEL FEATURE COMPARISON	Briot Couture	Briot Attitude 3	Briot Attitude Evolution	Briot Evolution	Briot Emotion 3	Briot Emotion 3 Groove	Briot Perception 3	Briot Perception 3 Groove
Controlled advanced anti-slippage cycle	•	•	•	•	•	•	•	•
Different types of bevels, including new mini bevel	•	•	•	•	•	•	•	•
Safety Bevel	•	•	•	•	•	•	•	•
Grooving	•	•	•	•	•	•	•	•
Super-Hydrophobic Lens Cycle	•	•	•	•	•	•	•	•
Small Eye Sizes <21mm	•	•	•	•	•	•	•	•
High luster polish	•	•	•	•	•	•	•	•
Gravitech tracing	•	•	•	•	•	•	•	•
Drilling	Variable 30°	Variable 30°	Variable 30°	Variable 30°	Fixed 10°		Fixed 10°	
Mechanical tracing	•	•	•	•	•	•		
High volume edging	•	•	•	•				
Wrap frame processing	•	•	•					
Wavefront lensomtery	•	•	•					
High speed	•	•	•					
Torque management system (TMS)	•	•						
Chemistrie processing interface	•	•						
TruFit 3D lens simulation	•							
Shelf beveling	•							
Smart Design milling	•							