

briot emotion3

For more precision,
speed and control





| briot emotion3
| briot perception3

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, offering exceptional performance. Now, the Emotion 3 model embodies control, becoming essential for optical workshops.

Visionix introduces two next-generation all-in-one edging systems: the Briot Emotion 3 and Briot Perception 3, delivering exceptional results for finishing workshops, combining reliability and accessibility.

The Briot Emotion 3 and the Briot Perception 3 features patented Gravitech technology for precise 1:1 optical tracing in just 4 seconds. Its automatic drill hole detection and adjustable speed control ensure optimal accuracy and finish, while the recommended double-sided pads provide enhanced stability.

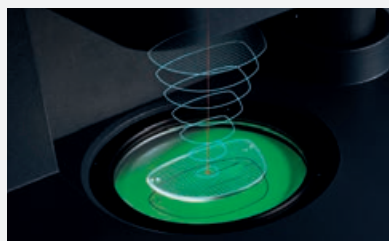
NEW CONTROLLED EDGING CYCLE

The 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 and delivers flawless finishes with enhanced control.

Your all-in-one partner

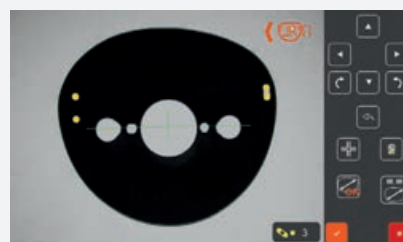
GRAVITECH

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.



NO DEMO LENS? NO PROBLEM

The Emotion 3 comes equipped with a mechanical tracer for when a demo lens is not available.



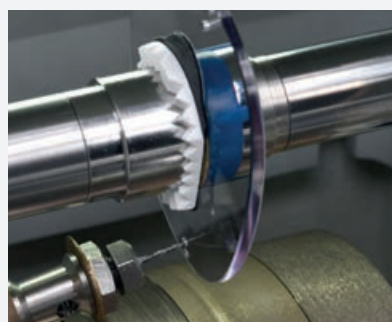
EASILY SEE LENS MARKINGS AND ENGRAVINGS

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



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.



Technical specifications



BV Cert. 7307186

Briot Emotion 3 was designed by our engineers in Normandy, France, and assembled in our local workshops 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 rapid intervention, ensuring you maximum uptime and a long lifecycle for 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	<ul style="list-style-type: none"> • Mechanical tracer* : <ul style="list-style-type: none"> - Automatic 3D-Tracing - Monocular or Binocular Tracing Consecutively - Smooth manual frame clamping • Optical Tracing : <ul style="list-style-type: none"> - All kinds of demo lenses with patented GraviTech Technology - Automatic Drill Hole Detection - Shape Creator for freedom in designing shapes
Shape-Administration	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Single Vision, Bifocal, Trifocal, Progressive (Markings or Engravings) Parallax-free digital • Manual centering: Parallax-free digital / optic / geometric • Manual blocking
Edging	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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
Communication	<ul style="list-style-type: none"> • OMA V3.10 • Remote Tracing Capability

*available on Briot Emotion3

	EMOTION 3	PERCEPTION 3	PERCEPTION 3 GROOVE
Optical Tracing	•	•	•
Mechanical Tracing	•		
Different types of bevels, including new mini bevel	•	•	•
Grooving	•	•	•
Super-Hydrophobic Lens Cycle	•	•	•
Small Eye Sizes < 21mm	•	•	•
Touch Screen Interface	•	•	•
Drilling	•	•	



INNOVATION TO UNLOCK YOUR POTENTIAL

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