

Tech Specifications

Power Measurement	eMap^{R2}	Portal	App
Spherical Power - Point Measurement	✓		
Cylindrical Power - Point Measurement	✓		
Mean Spherical Equiv. - Point Measurement	✓		
Prism - Point Measurement	✓		
Surface Inspection			
Image display - Semi-automatic	✓		
Lens edge defect display			
Automatic highlighting of surface scratches and abrasions	✓		
Manual pass/fail	✓		
Automatic pass/fail	✓		
Visualisation			
Spherical Power Map	✓	✓	
Cylindrical Power Map	✓	✓	
Mean Spherical Equiv. Map	✓	✓	
Prism Map	✓	✓	
Regions of interest (Add, Distance, PD, Corridor length)	✓	✓	
Overlay Measured Heatmap on frame	✓		
Overlay Reference Heatmap on frame shape			✓
Consumer quality check		✓	
Hard printout of regions of interest	✓		
Hard printout of pass/fail printout power	✓		
Hard printout of pass/fail for surface inspection	✓		

By integrating the EYOTO™ eMap™ into your business you can take professional consultative selling to the next level, driving customer satisfaction, loyalty, and higher margins. A powerful device available to support the retail optometry practitioner deliver growth in both turnover and profitability.

Eyoto created the eMap^{R2} to support you in delivering the best customer service possible. The multifunction lens analyser provides dual lens power mapping and surface inspection to ensure 100% Quality Control compliance, allowing you to be assured that the product you provide gives the best possible vision solution, free from defects. Create a culture of Right Every Time.

The portable cloud connected tablet app puts the power of consultative selling in your hands and makes the invisible visible for your customers when explaining the benefits of different progressive, occupational or other “blended” lens designs.

Personalise every dispensing by showing your customer their options based on prescription, lens design and frame choice to bring to life your recommendations with full colour images that make patient understanding easy.

Surface Inspection

Confirm the lens surface meets quality standards plus show customers the condition of their current eyewear.

Heatmap Function

Show your patients exactly what their lenses “look” like and help them understand how different lens designs really are different and how personalised choices will benefit their lifestyle.

Dimensions	Height: 550 mm x Width: 416 mm x Depth: 320 mm
Weight	28kg
Screen	10.4" touch screen panel
Power Requirements	110 – 240 VAC (50/60 Hz)
Data output	Via Cloud Portal, Screen Interface, Tablet and/or Printer
Range	Lens powers between ± 10 D (step 0.01, 0.06, 0.12, and 0.25 D)
Cylinder power	0 ~ +5 D (step 0.01, 0.06, 0.12, and 0.25 D)
Cylinder axis	0 ~ 180° (step 1°)
Add power	0 ~ +4 D (step 0.01, 0.06, 0.12, and 0.25 D)
Distance reference point	Automatically detected
Near reference point	Automatically detected
Prism power	0 ~ +6 Δ (step 0.01 Δ)
Base axis	0 ~ 360° (step 1°)
PD measurement	40 ~ 80 mm
Spectacle lens mapping	Up to 60 mm diameter lens, up to 20 mm thickness
Lens detection	Single vision, Progressive, Bi-focal
Standards	ISO 8598-1:2014/ANSI Z80.1-2015