

**IOPac™ Pachymeters**  
Powerful, pocket-sized CCT measurement for glaucoma diagnosis



**IOPac Family of Pachymeters**

Medium volume, low price point product used by ophthalmologists and optometrists

Designed & manufactured by StarFish Medical for Portable Ophthalmic Devices Inc. & Heidelberg Engineering GmbH

To date the client has sold thousands of units worldwide

The IOPac family of pachymeters was designed for Portable Ophthalmic Devices Inc. as the inaugural product for a start-up joint venture company. These devices are used by optometrists and ophthalmologists to measure the thickness of the cornea. They allow the computation of adjusted intraocular pressure and glaucoma risk.

StarFish Medical's key challenge was to get the finished product to market in a very short timeframe. Our team undertook extensive ergonomics and interface design to create a device that was both simple and user friendly. The IOPac incorporates an ultrasound probe which touches the cornea, as well as custom ultrasound hardware, a touchscreen, IR printing, built-in pressure correction formulas, a computer interface and a small portable size. The project timeline was expedited by designing around a Palm™ platform to utilize the Palm OS for application software development.

The StarFish team provided a great outcome to our client by taking the device from concept to production in less than ten months including IP filings and FDA clearance. CE marking and distribution in Europe and Canada followed a few months later. The third generation IOPac is currently manufactured by StarFish and is distributed worldwide by Heidelberg Engineering GmbH of Germany.



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