The Pulsair EasyEye
Accurate and effortless non-contact tonometry

Specifications
Clinical accuracy . . . . . . . . . . . . . . . . . . . . . . . . . . . Goldmann correlation of 0.982 Std. Dev. 1.179
Calibration range . . . . . . . . . . . . . . . . . . . . . . . . . . . 7 to 50 mmHg auto switching 7-30 / 30-50 mmHg
Measurement scale . . . . . . . . . . . . . . . . . . . . . . . . . . mmHg (millimetres of mercury)
Display accuracy . . . . . . . . . . . . . . . . . . . . . . . . . . . ± 1 mmHg
Fixing system . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Automatic
Mounting system . . . . . . . . . . . . . . . . . . . . . . . . . . . Table/Desk Top, Silt Lamp or wall mounting
Base unit dimensions . . . . . . . . . . . . . . . . . . . . . . . . . . . 320 x 265 x 175 mm (12.5 x 10.5 x 7”)
Base unit weight . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3.18 Kg (7.0lbs)
Base unit with rechargeable battery weight . . . . . . . . . . . . . . 4.5 Kg (9.9lbs)
Handpiece dimensions . . . . . . . . . . . . . . . . . . . . . . . . . . . 130 x 100 x 43 mm (5.25 x 6 x 1.75”)
Handpiece weight . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0.877 Kg (1.95 lbs)
Digital cord length . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.0 m (6’6”)
Electrical Standards . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . EN 50601-1, EN 50601-1-2 (EMC), UL 2601-1
Printer . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Thermal line printer
Power supply . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . AC 100V 240V, 50/60Hz switch mode

Pulsair and accessories
Part Number
Pulsair EasyEye® Complete* 2414-P-2000
Carrying case 2414-P-7003
Rechargeable battery 2414-P-7002
Silt Lamp adaptor 2414-P-7004
*Your Pulsair EasyEye® will be supplied complete and ready to use with power supply, spare bulbs, printer paper, alignment distance caps, user manual and a dust cover.

Consumables
Item
Bulb (pack of 2) 1024-P-7156
Printer paper 2208-L-7008

As part of our policy of continued product development we reserve the right to alter and/or amend specifications at any time without prior notice.

The Pulsair EasyEye

Clinically proven accuracy and speed of use make this fourth generation development of the revolutionary Keeler Pulsair truly unbeatable.

Accurate

Extensive clinical trials and over seventeen years of experience in tonometry has resulted in the EasyEye® rivalling Goldmann as the gold standard; "as accurate as Goldmann tonometry in the population studied and has distinct advantages".*

Non-contact

Non-contact tonometry – no anaesthetic or fluorescein, no costly consumables and virtually no possibility of any cross infection.

Hand-held and easy to use

Intuitive controls with a comfortable handpiece and automated firing, averaging and printing system. Turn it on, take the handpiece and start using it.

Speed

The EasyEye® has clinically proven speed – "the Pulsair can provide an accurate measurement of IOP within approximately 20 seconds per eye and eradicates most operator influences or errors".*

Space saving

Wall mount or Slit Lamp mount your EasyEye® to save valuable workspace.

Accuracy and calibration

Checking of calibration is easy; should your EasyEye® require maintenance, you have a choice of calibration in your practice, or if you wish, send it to your local distributor, or to Keeler.

Portability

The EasyEye® is truly portable; simply add the optional rechargeable battery and carrying case. Ideal for domiciliary visits.

All patients

Whether your patients are post operative or supine, disabled and unable to reach a chin rest, or simply young children in the arms of a parent; the EasyEye® is effective, accurate and patient friendly for all.

Non-contact

Exceptional reliability combined with the versatility of being hand-held gives you the ultimate in non-contact tonometry for all your patients.

Accuracy and calibration

Checking of calibration is easy; should your EasyEye® require maintenance, you have a choice of calibration in your practice, or if you wish, send it to your local distributor, or to Keeler.

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**Pulsair vs. Goldmann clinical comparison**

<table>
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<tr>
<th>Pulsair Mean (mm Hg)</th>
<th>Goldmann Mean (mm Hg)</th>
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<td>0 5 10 15 20 25 30 35 40 45 50</td>
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*Clear display, showing the average of readings taken, in millimetres of mercury (mmHg)*
*Displays all readings taken for the measured eye*
*This button clears the memory*
*This flashes when a pressure exceeds 30mmHg*
*Viewing eyepiece – allows fast and simple alignment for rapid measurement*
*Quickpulse – aids auto-firing for dry or scarred corneas, or for uncooperative children*
*Use the demo button to puff your patients hand to prepare them for measurement*
*Soft grip handle*
*Look through the eyepiece and you will see the patient’s eye.*
*Move the Pulsair closer.*
*As you get closer you see two green dots. Continue to move closer.*
*Next you will see this. Slowly move closer.*
*When you see the bow tie the Pulsair will fire.*
*If you see this filament you are too close.*

**Printer on/off switch**
**Practice eye**
**Printer LED**
**Pullout user guide**
**On/off switch**