



Pulsair Desktop

Non-Contact Tonometer

Pulsair Desktop

The Pulsair Desktop tonometer is indicated for measuring intraocular pressure without contacting the eye to aid in the screening and diagnosis of glaucoma.



Key features

- Less is more. The Pulsair Desktop is uncomplicated and therefore quick to use for the novice and professional alike. Taking control of tonometry has never been easier or faster
- Exceptional patient visualisation and the openness of the design increases the confidence of both the patient and clinician
- Clear user controls and a colour video alignment screen combine to set a new standard in usability
- Advanced optical and sensor technology for positional detection and puff control
- Pulsair Desktop has software controls to manage the measurement data; if two consecutive readings are within +/-1mmHg of each other the Pulsair will inform the user that sufficient readings may have been taken for that eye, saving precious time and increasing patient comfort

Exceptional patient visualisation



Ergonomic and space saving design

The Pulsair Desktop has a small and space saving footprint that combined with the elegant, slim optical mainframe allows it to blend seamlessly into the clinical environment.



Specifications

Pulsair Desktop

| | |
|---------------------|---|
| Calibrated range | 5mmHg to 50mmHg |
| Displayed accuracy | Display accuracy to 1 decimal place e.g. 12.3 |
| Displayed scale | Single line 16 character alphanumeric display |
| Illumination system | LED infra red |
| Working distance | 20mm |

Dimensions and weight

| | |
|------------|---------------------------|
| Dimensions | 475 x 245 x 410mm (HxWxD) |
| Weight | 16kg |

Complies with

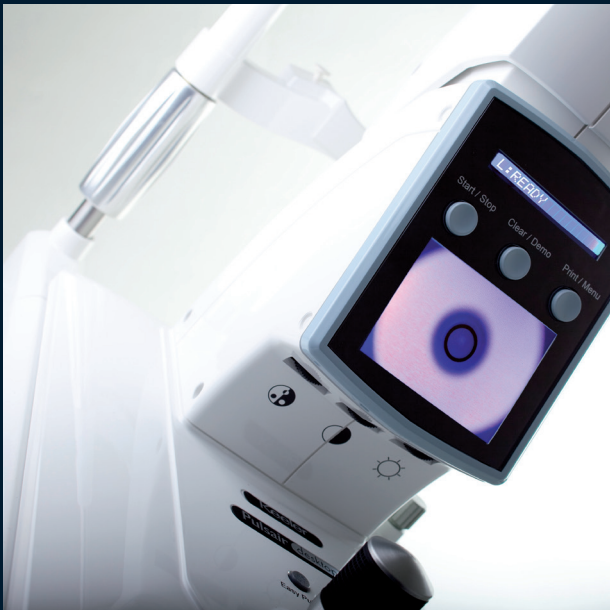
Electrical Safety (Medical) BS EN 60601-1:2006
Electromagnetic compatibility EN 60601-1-2:2007
Ophthalmic instruments - fundamental requirements and test methods ISO 15004-1:2006
Optical radiation hazard ISO 15004-2:2007

Power supply

| | |
|---------------------|---|
| Power supply unit | Switch mode, (110 – 240V) +/- 10% multi plug type compliant to EN 60601-1, EN 61000-6-2, EN 61000-6-3 |
| Power supply output | 30 VA (12V DC 2.5A) |
| Frequency | 50/60 Hz |

Printer

Thermal line printer



Clear user controls and colour video alignment screen

Part numbers

Pulsair Desktop non-contact tonometer

2417-P-2000 Pulsair Desktop Tonometer

Accessories

| | |
|-------------|----------------------------|
| 3104-L-8201 | Chinrest paper |
| 2208-L-7008 | Printer paper |
| EP39-70435 | Pulsair Desktop dust cover |



Thermal line printer



Pulsair Desktop overview

The Pulsair Desktop is a screening device used to measure intraocular pressure which is one of the key biomarkers considered in diagnosing glaucoma. It is an electrically powered desktop type non-contact Tonometer.

The system provides the user with a colour display to aid alignment of the tonometer relative to the eye. Once the system is aligned, the Desktop Pulsair will automatically take IOP measurements. The system also allows the user to print IOP measurements taken of both eyes.

What's in the box?

- Pulsair Desktop
- Power Supply Unit
- Pulsair Desktop Dust Cover
- USB Instruction Manual
- Chinrest papers (1 pack)

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