

Tonometry

Let's Fight Glaucoma.

For more than 100 years, Keeler has continued to innovate, design, and manufacture world-class ophthalmic instruments in our Windsor factory. In 1986, the Pulsair Tonometer revolutionized noncontact tonometry with its unique handheld and portable system, bringing a new dimension to patient care and the management of space and time.

Pulsair and tonometry are synonymous – the fifth generation intelliPuff handheld model combines contemporary styling together with technologies, and the Pulsair Desktop brings the Pulsair name to those requiring a chin-rest desktop device. Applanation tonometry is a widely practiced and respected technique; the Keeler Applanation Tonometer (KAT) will match that level of respect with our exceptional quality and manufacturing consistency.

Pulsair Tonometers – stylish and practical

Both the Pulsair Desktop and Pulsair intelliPuff have exceptional patient visualization; the slim profiles of the Pulsair optical mainframe allows the clinician to maintain visual contact with the patient at all times during the measurement process.

Engineering and design excellence

Pump, solenoid control valves, a plenum chamber, and an optical mainframe are all designed to function optimally to allow efficient and fast measurement. LED illumination provides a constant and reliable light source for the alignment camera and the positional detection systems. Quietly cost-effective, Pulsair tonometers require no sterile consumables. Printing is also under your control, so ongoing costs are managed.



Pulsair IntelliPuff

Bringing versatility to tonometry, wall-mounted or desk-mounted, the lightweight handheld optical mainframe allows the clinician to measure all patients with equal comfort. The flexibility of use and space-saving design make this instrument virtually unbeatable for performance and value.

Handheld

Being handheld, Pulsair IntelliPuff avoids the need to position the patient in a chinrest – fast and easy to use while the patient is already seated in an examination chair.



Pulsair Desktop

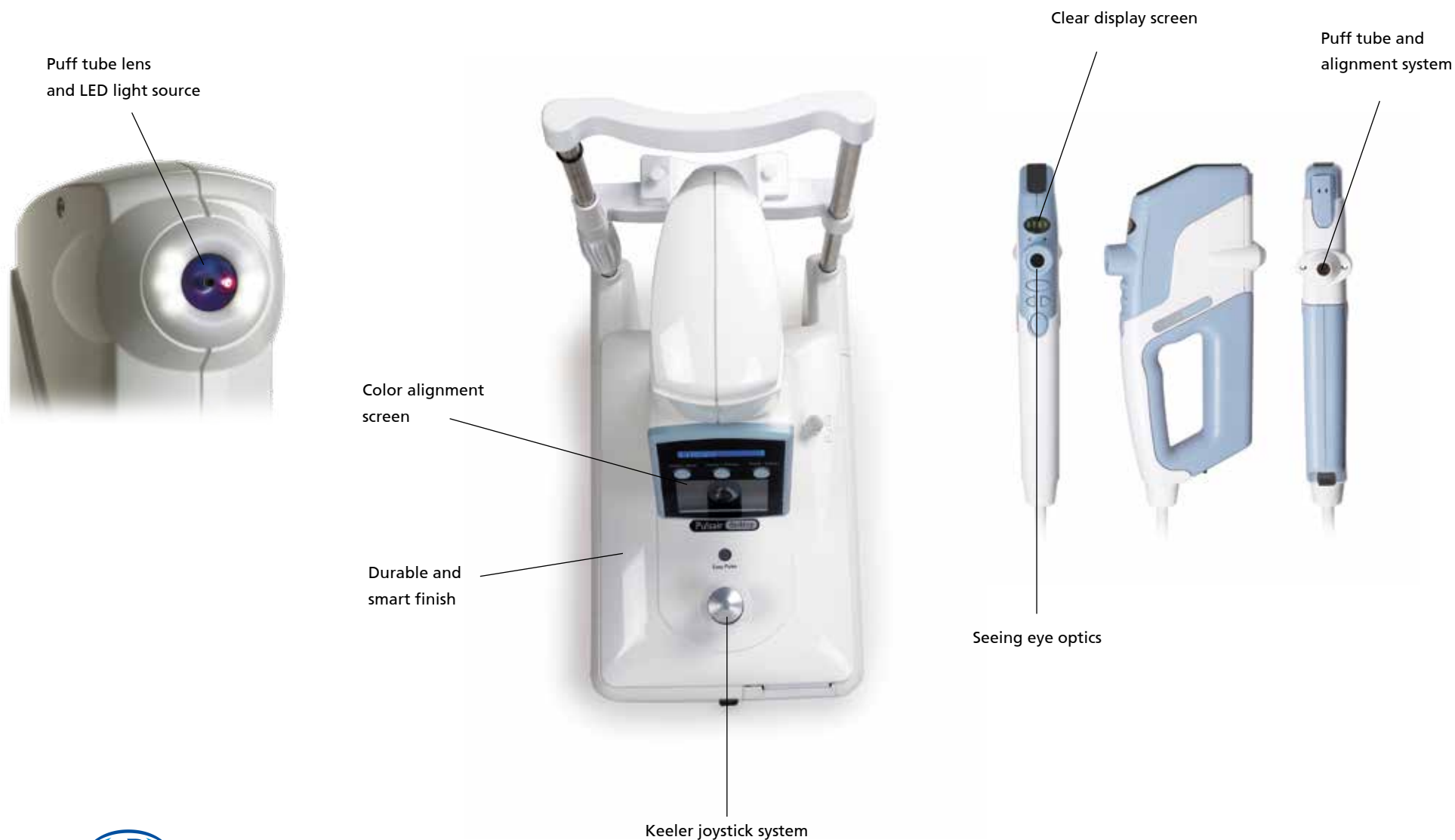
A small, space-saving footprint combined with the elegant, slim optical mainframe allows it to blend seamlessly into the clinical environment. The openness of the design increases the confidence of both patient and clinician.

Comfort and speed

Less is more. Pulsair Desktop is uncomplicated and therefore is quick to use for the novice and professional alike. Taking control of tonometry has never been easier or faster. Clear user controls and a color video alignment screen combine to set a new standard in usability.

Sophisticated Technology

Keeler Pulsair tonometers use advanced optical and sensor technology for positional detection and puff control. They have software controls to manage the measurement data; if two consecutive readings are within ± 1 mmHg 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.



Pulsair Specifications

Pulsair Desktop

CALIBRATED RANGE	5mmHg to 50mmHg
DISPLAYED ACCURACY	Displayed accuracy to 1 decimal place, e.g., 12.3
DISPLAYED SCALE	Single-line 16-character alphanumeric display
WORKING DISTANCE	20mm
DIMENSIONS	475 x 410 x 245mm (H x D x W)
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 UNIT	Switch mode, (110–240V) +/- 1% multi plug type compliant to EN 60601-1, EN 61000-6-2, EN 61000-6-3
POWER SUPPLY OUTPUT	30VA (12V DC 2.5A)
FREQUENCY	50/60Hz
PRINTER	Thermal line printer
PART NUMBERS	2417-P-2000 – Pulsair Desktop Tonometer 3104-L-8201 – Chinrest papers 2208-L-7008 – Printer paper roll



Distribuido por: **Accutomex SA de CV**
www.accutomex.com
ventas@accutomex.com
 Tel. +52 (81) 8347-2520 / 01-800-800-0507

Pulsair IntelliPuff

CALIBRATED RANGE	5mmHg to 50mmHg
MEASUREMENT SCALE	mmHg (millimeters of Mercury)
DISPLAYED ACCURACY	0.1mmHg
DISPLAY	4 character dot matrix scrolling
FIRING SYSTEM	Automatic and objective
ILLUMINATION SYSTEM	LED infrared
WORKING DISTANCE	20mm
MOUNTING SYSTEM	Table/desktop/wall
BASE UNIT DIMENSIONS	260 x 215 x 220mm (H x D x W)
BASE UNIT WEIGHT	2.465Kg
HANDPIECE DIMENSIONS	315 x 150 x 46mm (H x D x W)
HANDPIECE WEIGHT	0.890Kg
UMBILICAL CORD LENGTH	2.0mm
PRINTER	Thermal line printer
PART NUMBERS	2414-P-2001 – Pulsair IntelliPuff Tonometer 2208-L-7008 – Printer paper roll