

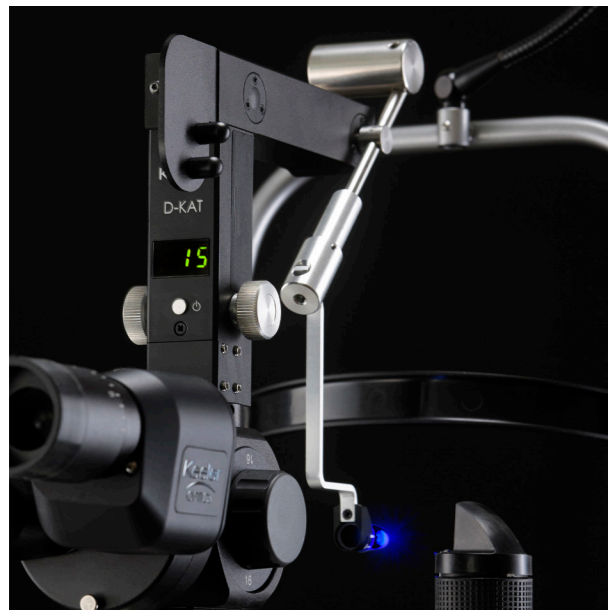


# Z-KAT

Digital Keeler Applanation Tonometer

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The Digital Keeler Applanation Tonometer Z-type (Z-KAT) is intended to determine the intraocular pressure (IOP) by exerting an external force against the eye which provides reading of the resistance of tunica of the eye of deformation.



## Key features

- British built
- LED display for ease of use in darkened environments
- Lightweight and portable
- Display reading to 1 decimal point
- Low battery usage
- Less moving parts, meaning increased reliability and less maintenance

# Digital Keeler Applanation Tonometer



## Specifications

### Z-KAT Installation

**KEELER DIGITAL Z-TYPE for Z-Style illumination systems** Mountable on post on microscope

**INSTALLATION** Assembled on the tonometer post on the slit lamp

### Measurement

**MEASUREMENT RANGE** 5 - 65 mmHg

**STANDARD DIVERGENCE** 0.49 mN or 1.5% of measurement value, whichever is the greater

### Operation

**OPERATING TEMPERATURE RANGE** From 10°C to 35°C

**MEASUREMENT ACCURACY**  $\leq 0.49$  mN

### Net Weight

**KEELER DIGITAL Z-TYPE** 0.6 kg (without accessories)



Clear LED display

## Part Numbers

### Keeler Z-KAT Tonometer

2414-P-2010 Keeler Z-KAT Tonometer

### Accessories

2414-P-8037 Tonometer doubling prism

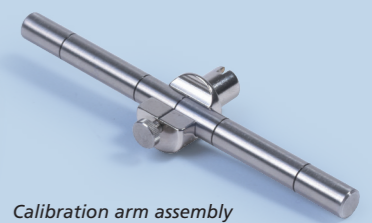
2414-P-5045 Calibration arm assembly

2414-P-5073 Z-type post

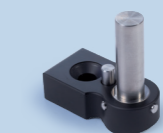
1909-P-7129 AA Battery



Doubling Prism



Calibration arm assembly



Z-Type post



## Z-KAT Overview

The Keeler Digital Applanation Tonometer Z-style (Z-KAT) is a screening device used to measure intraocular pressure which is one of the key biomarkers considered in diagnosing glaucoma.

The Z-KAT is a digital Goldmann Tonometer which uses the same principal found in non-digital tonometers, however removes the potential error reading from the dial indicating the IOP.

## What's in the box?

- Z-KAT
- Instructions for use
- AA battery
- Calibration key
- Tonometer post
- Tonometer mount screw
- Reusable tonometer prism
- Digital spirit level
- Allen key

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