



D-KAT

Digital Keeler Applanation Tonometer

Keeler
– A world without vision loss –

D-KAT

The Digital Keeler Applanation Tonometer (D-KAT) is intended for measuring intraocular pressure to aid in the screening and diagnosis of glaucoma.

This device is intended to be used only by suitably trained and authorised healthcare professionals.



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

D-KAT Installation

KEELER DIGITAL T-TYPE: for H-Style illumination systems Fitted to the guide plate on the optical axis for the microscope and illumination unit arm

KEELER DIGITAL R-TYPE: for some Z-Style and H-Style illumination systems Mounted on tonometer post on microscope

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 ≤ 0.49 mN

Net Weight

KEELER DIGITAL T-TYPE 0.37 kg (without accessories)

KEELER DIGITAL R-TYPE 0.58 kg (without accessories)



Clear LED display

Part Numbers

Keeler D-KAT Tonometers

2414-P-2032 Keeler D-KAT T-Type

2414-P-2042 Keeler D-KAT R-Type

Accessories

2414-P-8037 Tonometer doubling prism

2414-P-5005 Calibration arm assembly

2414-P-5032 T-Type guide plate

2414-P-5042 R-Type post

1909-P-7129 AA Battery





D-KAT Overview

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

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

The D-KAT comes in two variants, the R-Type and the T-Type, both of which can be used on tower style Slit Lamps.

What's in the box?

- D-KAT
- Instructions for use USB
- AA battery
- Calibration key
- Glide plate (T-Type only)
- Tonometer post (R-Type only)
- Tonometer mount screw (R-Type only)
- Reusable tonometer prism

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