



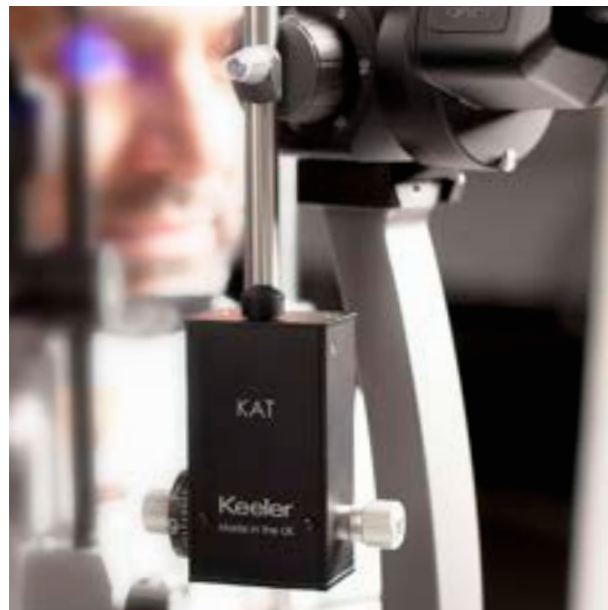
KAT

Keeler Applanation Tonometer

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The Keeler Applanation Tonometer is indicated for measuring intraocular pressure to aid in the screening and diagnosis of glaucoma.

The Keeler Applanation Tonometer (KAT) is an accessory item for most 'Tower illumination' type of Slit Lamps and thanks to its versatility, the KAT Tonometer can be mounted on and used with Slit Lamps produced by many manufacturers.



Key features

- The KAT is made with precision machined components, subject to stringent quality controls pre, during and after assembly to add reliability and repeatability to an established technique
- Our all metal parts manufactured to a high precision engineering design will withstand the test of time and deliver reliable results year after year
- British built
- Lightweight and portable



Specifications

KAT Installation

KEELER T-TYPE: for H-Style illumination systems	Fitted to the guide plate on the optical axis for the microscope and illumination unit arm
KEELER R-TYPE: for some Z-Style and H-Style illumination systems	Mounted on tonometer post on microscope

Measurement

MEASUREMENT FORCE	By leverage weight
MEASUREMENT RANGE	0 - 80 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 T-TYPE	0.48 kg (without accessories)
KEELER R-TYPE	0.82 kg (without accessories)



Keeler precision engineering

Part Numbers

Keeler KAT Tonometers

2414-P-2030	Keeler KAT T-Type
2414-P-2040	Keeler 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





KAT Overview

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

The KAT is a non-active medical device and is completely mechanical, therefore does not require battery power.

The operation principal is based on the Goldmann Applanation method. The KAT comes in two mechanical variants, the R-Type and the T-Type.

What's in the box?

- KAT
- Instructions for use USB
- 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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