



Keeler Catalogue

All Keeler products are designed to offer the ultimate in professional performance.

They are the result of the constant pursuit of perfection, combining the aesthetic and ergonomic.

Keeler



KAT BQ type

KAT® - Keeler Applanation Tonometer

Reliable and repeatable applanation tonometry, the Keeler Applanation Tonometer (KAT®) is a perfect example of British manufacturing experience delivering great quality and value. We have applied 21st Century design techniques to an old established principle to deliver a premium quality instrument.

Goldmann applanation principle

The Goldmann applanation principle is widely acclaimed as the most common and direct method of assessing IOP.

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.



KAT T type on Slit Lamp



KAT R type on Slit Lamp



T type, R type or BQ type

The take-away T type KAT® is fitted to the guide plate on the optical axis for the microscope and illumination unit arm. The fixed R type is mounted on a post fitted to the microscope optical body.

The BQ KAT® is designed specifically to fit the Haag Streit BQ, BP and BX Slit Lamps and fits directly to the optics support arm.

Robust and reliable

Our all metal parts, manufactured to a high precision engineering design will withstand the test of time and deliver reliable results year after year.



Part numbers

2414-P-2030	KAT – Keeler Applanation Tonometer T type
2414-P-2040	KAT – Keeler Applanation Tonometer R type
2414-P-2020	KAT BQ type Tonometer

KAT® Technical Specifications

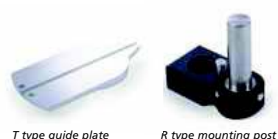
Measurement force	By leverage weight
Installation: Keeler T type: for tower illumination Slit Lamps	Fitted to the guide plate on the optical axis for the microscope and illumination unit arm
Keeler R type: for tower illumination Slit Lamps	Mountable on a post fitted to the microscope optical body
Measurement range	0 - 80 mmHg (0 - 10.64 kPa)
Approximation of the impact force on the measurement head for a 0 to 58,84 mN measurement range	Standard divergence: $0.49 \text{ mN} \leq 3s \leq 1.5\%$ of nominal value
Operating temperature range	from 10°C to 35°C
Measurement accuracy	$\leq 0.49 \text{ mN}$
Net weights:	
Keeler T type	0.41 kg (without accessories)
Keeler R type	0.69 kg (without accessories)
Keeler BQ type	0.712 kg (without accessories)

KAT® Accessories

The T type and R type KATs® are supplied with a reusable doubling prism, the calibration check bar and either the R type post or the T type aluminium guide plate for Slit Lamp use.

Protective case

To protect your investment when travelling or for when the instrument is not in use, our high quality aluminium carrying case will ensure your tonometer is always stored and protected.



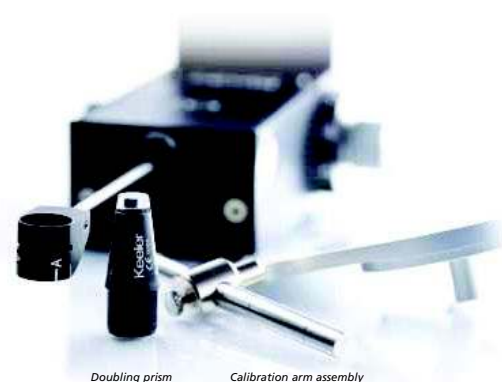
T type guide plate

R type mounting post

Part numbers

Accessories

3414-P-7000	KAT Aluminium carrying and storage case
2414-P-5001	KAT doubling prism
2414-P-5032	KAT T type guide plate
2414-P-5042	KAT R type mounting post
2414-P-5005	Calibration arm assembly



Doubling prism

Calibration arm assembly



Protective carrying case



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