

KAT

Keeler Applanation Tonometer

Applying 21st century engineering
to a 20th century design



let's fight glaucoma

Keeler

Keeler

Reliable and repeatable applanation Tonometry

Keeler – British manufacturing experience and quality delivering great value

For over 90 years Keeler has continued to innovate, design and manufacture world class ophthalmic instruments in our Windsor factory.

The Keeler Applanation Tonometer (KAT) is a perfect example of our skills; we have applied 21st Century design techniques to an old established principle to deliver a premium quality instrument.

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 that are subject to stringent quality controls pre, during and after assembly in our Windsor factory to add reliability and repeatability to an established technique.



Protective case

Protect your investment when it is not in use or when in storage with this rugged aluminium carry case.

Specifications

Measurement force	By leverage weight
Installation: Keeler T-Type: for tower illumination Slit Lamps Keeler R-Type: for tower illumination Slit Lamps	Fitted to the guide plate on the optical axis for the microscope and illumination unit arm 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 mN \leq 2s \leq 1.5% of nominal value
Operating temperature range	from 10°C to 35°C
Measurement accuracy	\leq 0.49 mN
Net weights Keeler T-Type Keeler R-Type	0.41 kg (without accessories) 0.69 kg (without accessories)

Part numbers

KAT Tonometers
2414-P-2030 KAT T type
2414-P-2040 KAT R type

KAT Accessories
3414-P-7000 Aluminium case
2414-P-5001 Doubling prism
2414-P-5005 Calibration arm assembly
2414-P-5032 T type guide plate
2414-P-5042 R type post

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