

# KAT

## Keeler Applanation Tonometer

Applying 21st century engineering  
to a 20th century design



let's fight glaucoma

Keeler

# Keeler

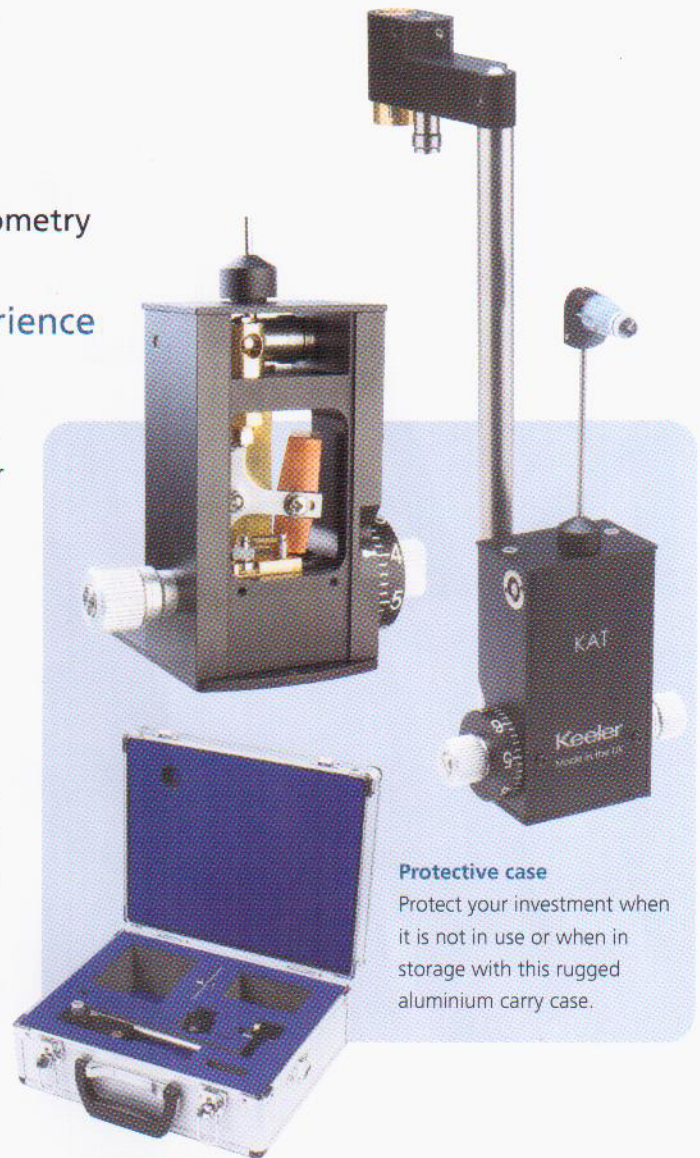
Reliable and repeatable applanation Tonometry

## 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

<b>Measurement force</b>	By leverage weight
<b>Installation:</b> 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
<b>Measurement range</b>	0 – 80 mmHg (0 – 10.64 kPa)
<b>Approximation of the impact force on the measurement head for a 0 to 58,84 mN measurement range</b>	Standard divergence: 0.49 mN $\leq$ 2s $\leq$ 1.5% of nominal value
<b>Operating temperature range</b>	from 10°C to 35°C
<b>Measurement accuracy</b>	$\leq$ 0.49 mN
<b>Net weights</b> 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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