



20<sup>th</sup> May 2020

Keeler R-Type  
Tonometers

Suitable for upper illumination slit lamps

Designed to be fixed to the slit lamp and 'Rotated' out of the way post examination



Keeler T-Type  
Tonometers

Suitable for upper and lower illumination slit lamps

Designed to be 'Taken away' post examination



Keeler Z-Type  
Tonometers

Suitable for lower illumination slit lamps

Designed to be fixed to the slit lamp, where the prism arm can be rotated out of the way post examination





	Feature	Keeler R-Type	Keeler T-Type	Keeler Z-Type	Notes
Compatibility	<b>Tonometry principle</b>	Goldmann Applanation Tonometry	Goldmann Applanation Tonometry	Goldmann Applanation Tonometry	-
	<b>Slit Lamp Compatibility</b>	Upper illumination	Upper & Lower illumination	Lower illumination	-
	<b>Mounting technique</b>	Mountable on supplied post on microscope magnification block	Fitted to the provided guide plate which fits onto the test bar hole on the slit lamp	Mountable on supplied post on microscope magnification block	-
	<b>Designed to be fixed to the slit lamp or removed after examination?</b>	Permanent: Designed to be fixed onto the slit lamp. When not in use, the tonometer can be positioned to one side.	Removable: Designed to be removed from the slit lamp once the examination has been completed.	Permanent: Designed to be fixed onto the slit lamp. When not in use, the prism arm can be moved out of the way.	-
	<b>Prism compatibility</b>	Most types of tonometer prism Recommended: Keeler Single Use Tonomate Prism Recommended: Keeler Reusable Tonometer Prism	Most types of tonometer prism Recommended: Keeler Single Use Tonomate Prism Recommended: Keeler Reusable Tonometer Prism	Most types of tonometer prism Recommended: Keeler Single Use Tonomate Prism Recommended: Keeler Reusable Tonometer Prism	-
Technical Information	<b>Mechanical or Digital mechanisms</b>	Mechanical (KAT R-Type) - PN 2414-P-2040 Digital (DKAT R-Type) - PN 2414-P-2042	Mechanical (KAT T-Type) - PN 2414-P-2030 Digital (DKAT T-Type) - PN 2414-P-2032	Digital only (ZKAT) - PN 2414-P-2010	-
	<b>Power source</b>	Mechanical: Mechanical mechanism Digital: Battery powered (1 x AA)	Mechanical: Mechanical mechanism Digital: Battery powered (1 x AA)	Battery powered (1 x AA)	-
	<b>Body material</b>	Mostly hard metal construction, suitable for numerous cleaning cycles	Mostly hard metal construction, suitable for numerous cleaning cycles	Mostly hard metal construction, suitable for numerous cleaning cycles	-
	<b>Measurement range</b>	Mechanical: 0 - 80 mmHg Digital: 5 - 65 mmHg	Mechanical: 0 - 80 mmHg Digital: 5 - 65 mmHg	Digital: 5 - 65 mmHg	-
	<b>Measurement accuracy</b>	≤0.49 mN	≤0.49 mN	≤0.49 mN	-
	<b>Suggested slit lamp magnification</b>	10x or 16x	10x or 16x	10x or 16x	-
	<b>Operating range</b>	10 - 35°C	10 - 35°C	10 - 35°C	-
	<b>Product guarantee</b>	2 years	2 years	2 years	-
	<b>Calibration key test settings</b>	20, 40 & 60 mmHg	20, 40 & 60 mmHg	20, 40 & 60 mmHg	The calibration key test key allows customers to test whether their tonometer is reading accurately. Refer to the IFU for instructions on how to use the calibration test key.
	<b>Tonometer kit</b>	1 x Tonometer 1 x Instructions 1 x Battery - Digital only 1 x Calibration test key 1 x Tonometer mount 1 x Reusable tonometer prism 1 x Tonometer mounting screw	1 x Tonometer 1 x Instructions 1 x Battery - Digital only 1 x Calibration test key 1 x Tonometer glide plate 1 x Reusable tonometer prism	1 x Tonometer 1 x Instructions 1 x Battery 1 x Calibration test key 1 x Tonometer mount 1 x Reusable prism 1 x Tonometer mounting screw 1 x Allen key 4 x Grub screws	Tonometer mounts used on R-Type and Z-Type are designe for Keeler slit lamps . To mount a Keeler tonometer onto a different manufacturers slit lamp you may need to source a tonometer mount from them. The Keeler tonometer mount in some cases will not allow the tonometer to sit in the right position. Refer to the KAT fitting guide to determine whether or not you will need to source a mount from your slit lamp supplier.
<b>Country of origin</b>	UK	UK	UK	-	