



KAT R-type (fixed)



KAT T-type (take-away)



R-type mounting post



T-type guide plate

KAT – Keeler Applanation Tonometer

- Reliable and repeatable applanation tonometry
- Goldmann applanation principle
- T-type, R-type, or BQ-type available
- Designed to withstand the test of time and deliver reliable results year after year

KAP – Keeler Applanation Prism

Goldmann-style doubling prism for most applanation tonometers



Keeler Applanation Tonometer 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	0–80mmHg (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	0.41kg (without accessories)
Keeler R-Type	0.69kg (without accessories)
PART NUMBERS	2414-P-2032 – D-KAT – Keeler Applanation Tonometer T-Type 2414-P-2042 – D-KAT – Keeler Applanation Tonometer R-Type 2412-P-2010 – D-KAT – Keeler Applanation Tonometer Z-Type 2414-P-2020 – KAT – Keeler Applanation Tonometer BQ-Type 2414-P-2030 – KAT – Keeler Applanation Tonometer T-Type 2414-P-2040 – KAT – Keeler Applanation Tonometer R-Type
ACCESSORIES	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