

D-KAT

Digital Applanation Tonometer

Welcome to the
digital generation



Keeler

www.keeler.co.uk/d-kat

Discover the new standard...

Keeler D-KAT Digital Applanation Tonometer

Designed and manufactured in the UK to the exacting standards you'd expect from a Keeler instrument. The Keeler D-KAT delivers reliability and ease of use.

The LED display and internal electronics allows the fast and accurate measurement of IOP - intraocular pressure. With less moving parts, the D-KAT is more reliable, accurate and recalibration takes just seconds.



Accessories

Tonometer doubling prism

Calibration arm assembly (T type and R type)

Calibration arm assembly (Z type)

T type guide plate

R type post

Z type post

D-KAT Luxury carrying case

Battery

Part Number

2414-P-5001

2414-P-5005

2414-P-5045

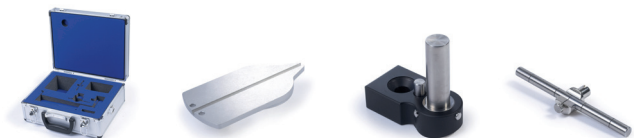
2414-P-5032

2414-P-5042

2414-P-5038

3414-P-7010

1909-P-7129



Specification

| | |
|--|--|
| Keeler digital T type for Haag Streit type illumination systems | Fitted to the guide plate on the optical axis for the microscope and illumination unit arm |
| Keeler digital R type for some Zeiss type and Haag Streit type illumination systems | Mountable on post on microscope |
| Keeler digital Z type for Zeiss type illumination systems | Mountable on post on microscope |
| Installation | Assembled on the guide plate on the slit lamp arm or mounting post |
| Measurement range | 5–65 mmHg (0.66 – 8.46kPa) |
| Measurement deviation | 0.49 mN or 1.5% of measurement value, whichever is the greater |
| Operating temperature range | From 10°C to 35°C |
| Reverse span (Hysteresis) | ≤ 0.49 mN |
| Net weight Keeler digital T type Keeler digital R type | 0.37 kg (without accessories) 0.58 kg (without accessories) |
| Part Numbers Keeler digital T type Keeler digital R type Keeler digital Z type | 2414-P-2032 2414-P-2042 2414-P-2010 |

Environmental

Ambient Conditions

| | | |
|-----------------------|-------------------|---------------------|
| Transportation | Temperature | -40°C to +70°C |
| | Air Pressure | 500 hPa to 1060 hPa |
| | Relative humidity | 10% to 95% |
| Storage | Temperature | -10°C to +55°C |
| | Air Pressure | 700 hPa to 1060 hPa |
| | Relative humidity | 10% to 95% |
| Use | Temperature | +10°C to +35°C |
| | Air Pressure | 800 hPa to 1060 hPa |
| | Relative humidity | 30% to 75% |

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