

# D-KAT Z-TYPE

The world's first Digital Zeiss  
type Applanation Tonometer



**Keeler**  
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# Digital Applanation Tonometry for your Zeiss type Slit Lamp

## A world first from Keeler

Keeler have been leading the way in optical innovation for nearly a century and latest addition to the Keeler range of Tonometers is no exception.

Keeler are proud to launch the world's first Digital Applanation Tonometer designed specifically for Zeiss type Slit Lamps. British made, the D-KAT Z-type is reliable and easy to use, providing tonometry at its very best.

The D-KAT Z-type operates according to the "Goldmann method", by measuring intraocular pressure (IOP). A prism is mounted on the Tonometer head and then placed against the cornea to take the measurement.

The LED display enables ease of use in darkened environments, whilst the internal electronics allow the fast and accurate measurement of IOP. Plus, with less moving parts, the D-KAT Z-type is more reliable, accurate and recalibration takes just seconds.



## Accessories

<b>Tonometer doubling prism</b>	<b>Part Number</b>
<b>Test arm assembly</b>	2414-P-5001
<b>Z-type post (R)</b>	2414-P-5045
<b>Battery</b>	2414-P-5038
	1909-P-7129



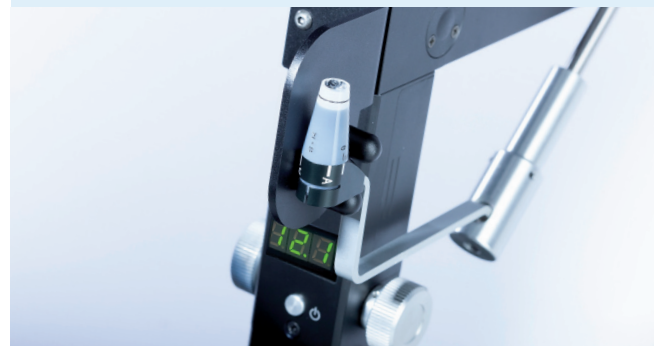
## Specification

<b>Keeler digital Z-type for Zeiss type illumination systems</b>	Mountable on post on microscope
<b>Installation</b>	Assembled on the guide plate on the slit lamp
<b>Measurement range</b>	5 - 65 mmHg (0.66 - 8.65kPa)
<b>Measurement deviation</b>	0.49 mN or 1.5% of measurement value, whichever is the greater
<b>Operating temperature range</b>	From 10°C to 35°C
<b>Reverse span (Hysteresis)</b>	≤ 0.49 mN
<b>Net weight</b> Keeler digital Z-type	0.6 kg (without accessories)
<b>Part Numbers</b> Keeler digital Z-type	2414-P-2010

## Environmental

### Ambient Conditions

<b>Transportation</b>	Temperature	-40°C to +70°C
	Air pressure	500 hPa to 1060 hPa
	Relative humidity	10% to 95%
<b>Storage</b>	Temperature	-10°C to +55°C
	Air pressure	700 hPa to 1060 hPa
	Relative humidity	10% to 95%
<b>Use</b>	Temperature	+10°C to +35°C
	Air pressure	800 hPa to 1060 hPa
	Relative humidity	30% to 75%



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