

So ultra-compact in its size, yet so enormous in its performance.

# AXIS tSRK 1000P

*Auto Ref-Keratometer*



***so small & yet so big***

SCIENCETERA

CE  
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Sciencetera's innovative DSP engine for AXIS( TSRK-1000P ) Ref-keratometer controls the entire measurement process including capture of measurement signal as well as, the data process and the display. So AXIS( TSRK-1000P ) enables to provide stable measurement data and fine pupil images for you.



## Features of AXIS (TSRK-1000P)

When operate AXIS (TSRK-1000P), you can expect a high quality and best customer service.



### Auto-Starting

As soon as AXIS is properly aligned to each eye, this function initiates the measurement process and generates the measurement results automatically.



### Automatic Fogging

The AXIS incorporates an infinity scene diopters of fog to control accommodation.



### Instinctive, Easy of use UI

Its users can enjoy convenient and comfortable operation due to ease of use UI.



### HR LCD (High Resolution Color LCD Monitor)

0.3 Mega Pixel 6.4 inches TFT Color LCD provides fine and large iris image with color alignment marks.



### Automatic PD Measurement

AXIS automatically calculates pupillary distance for both near and far vision.



### Other measurements

IOL, PD, Pupil diameter, CLBC, Ret-illum, etc.



### Alignment marks

→ ← Move closer to the patient  
← → Move further to the patient  
— Incorrect collimation

## AXIS TSRK-1000P Auto Ref-Keratometer

### Specifications of AXIS (TSRK-1000P)

#### • Refractometer mode

|          |                   |
|----------|-------------------|
| Sphere   | -25.00D ~ +22.00D |
| Cylinder | 0 ~ +/-10D        |
| Axis     | 1 ~ 180°          |

#### • Keratometer mode

|                     |                |
|---------------------|----------------|
| Corneal curvature   | R5.0mm ~ R10mm |
| Corneal refraction  | 67.5D ~ 33.7D  |
| Corneal astigmatism | 0 ~ +/-10D     |
| Axis angle          | 1 ~ 180°       |

#### • Other measurement mode

|                |                |
|----------------|----------------|
| Pupil distance | 10 ~ 85 mm     |
| Pupil diameter | 2~ 12mm        |
| CLBC           | R5.0mm ~ R10mm |
| IOL            | OK             |
| Ret-illum      | OK             |

#### • Others

|                 |                               |
|-----------------|-------------------------------|
| Measuring start | Auto / Manual                 |
| Display         | 6.4 inches 0.3M TFT color LCD |
| Alignment       | Color display                 |
| Printer         | Built in printer              |
| Output          | RS232C                        |
| Power supply    | AC100 ~ 240Vac 50/60Hz 100VA  |
| Dimension       | 242(W) x 467(D) x 465(H)      |
| Weight          | 13.6kg                        |

Designs and details can be changed without prior notice for its improvements.