# ESKR-7800B

## Auto Refractometer


OPHTALMOLOGY / ENT

# ESKR-7800B

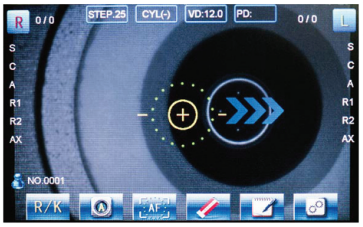
## Description

- 7" Color and touch screen
- 3D tracking
- When select automatic measure method, machine will auto tracking eye , and auto measure, after finished left eye , move by hand to right eye , then machine will start again auto tracking. auto adjust the machine position , auto measure , till finished , then start print, auto cut, do not need by hand , better for the biginner use.
- New optical system, unique imaging impression
- Hartman imaging analyzing and processing technology, accurate measurement result
- TFT touch screen, can move front and back freely
- Motorized chinrest
- Auto paper-cutting printer
- Auto tracking and focusing during measuring

# ESKR-7800B

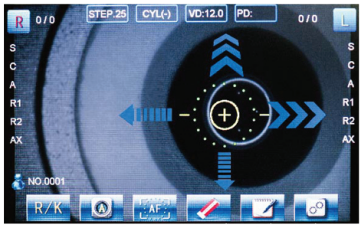
## Features

### Eye Socket Range



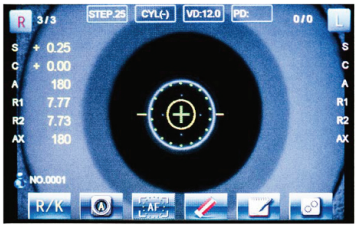
Start instrument, quickly move the device into the measuring area(black part)

### Auto Tracking and Focusing



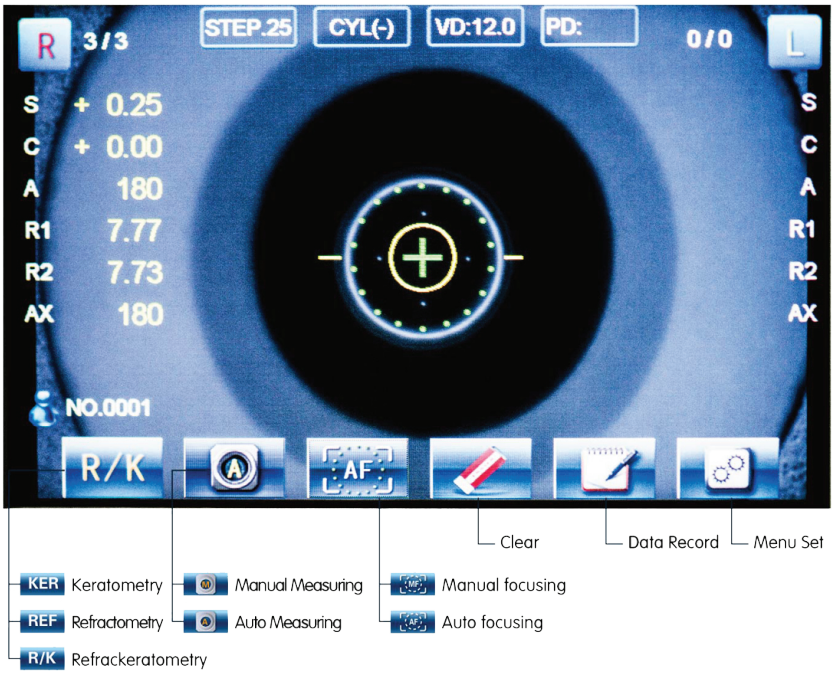
When move the device into the range of the patient's eye socket, it will track down a measuring focus of the eye automatically by the light sensors and 3D mechanism system inside(AF mode)

### Auto Measuring



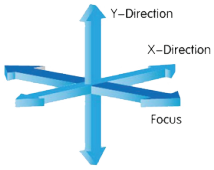
After auto focusing successfully, auto measuring(A mode) is performed. By these performances, an inexperienced user can also complete the measurement perfectly

### Operation interface function




Intuitive icons provide the user an easier operating circumstances, and make the measurement become more convenient and the data to be measured more accurate and fast

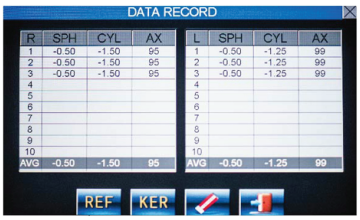
### 3D Measuring System

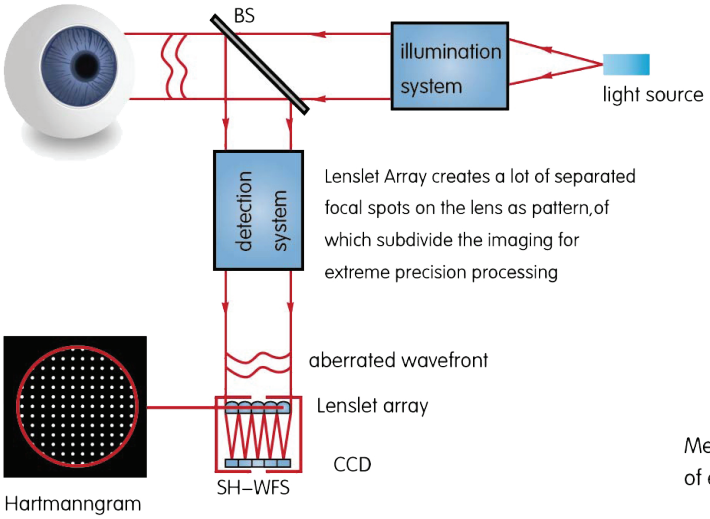


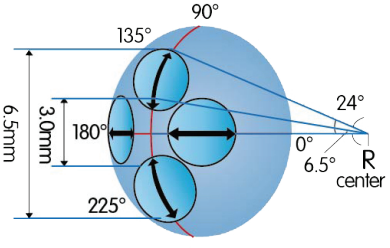

### Subsidiary Menu


By SET MENU, different functions can be set up according to the actual and specific requirements

### Data Record




Measure peripheral keratometry precision of eyes with contact lenses fitting

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## Specifications

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| New optical system, unique imaging impression |
| Hartman imaging analyzing and processing technology, accurate measurement result |
| TFT touch screen, can move front and back freely |
| Motorized chinrest |
| Auto paper–cutting printer |
| Auto tracking and focusing during measuring |
| Vertex Distance(VD): 0.0, 12.0, 13.75, 15.0 |
| SPH：–30.00D~+25.00D（VD=12mm，0.01，0.06，0.12，0.25 Unit） |
| CYL：0.00D~±10.00D（0.06，0.12，0.25 Unit） |
| Axis(AX)：1° ~180° （1° Unit） |
| Cylinder Form：–，+，± |
| Puiple Distance(PD)：10~86mm |
| Minimum Pupil Diameter：2.0mm |
| Measuring Time：＜0.5s |
| Pupil Diameter：2.00–8.00mm |
| Measuring Light Energy：＜30uw（Insure measuring safety） |
| Radius of Curvature：5.0~10.0mm（0.01mm Unit） |
| Corneal Power：33.00D~67.00D |
| （In case that the corneal equivalent refractive power is 1.3375） |
| Corneal Astigmatism：0.00D~–15.00D（0.06D/0.12D/0.25D Unit） |
| Data Storing：Each 10 measured values of left eyes and right eyes |
| Axis：1° ~180° |
| Chart：Auto fog |
| Monitor：SHARP 7” TFT LCD touch screen (Angle of view adjustable) |
| Built–in Printer：57mm thermal printer, auto paper–cutting |
| Electrical Power：AC 100~250V，50/60Hz |
| N.W.：22kg |
| G.W.：26.5kg |
| Dimensions(packing)：(L)680mm X (W)400mm X (H)640mm |

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