

Experience the beauty of perfection.



# TSRD 500

Digital Refractor

## Features of TSRD-500



## Specifications

### (A) Measuring Range :

- (1) SPH : 0.00D~19.00D (-0.25D)  
+0.25D~+16.50D (+0.25D)
- (2) CYL : 0.00D~8.75D (-0.25D)
- (3) AXIS : 0°~180° (1°5')
- (4) P.D : 48mm~80mm

### (B) Auxiliary Lenses :

- (1) Occluder
- (2) P.D check
- (3) Pinhole plate (1mm)
- (4) Polarizing : right eye 135°, left eye 45°
- (5) Red/Green Filters (right eye: red, left eye : green)
- (6) Maddox Rod : right eye red horizontal / vertical  
left eye white vertical / horizontal
- (7) Dissolution prism : right eye : 6△ B/U  
left eye : 10△ B/I
- (8) Fixed Cross Cylinder ±0.50D
- (9) Retinoscope : ±1.50D

### (C) Auto Cross Cylinder Lens : ±2.50D

### (D) Rotary Prism : 0△~20△(0.5△)

### (E) Control System : Touch Panel Control

### (F) Monitor : LCD (10"2)

### (G) Dimension And Weight :

- (1) Main Body : 110(W)X480(D)X290(H)mm  
Keyboard : 250(W)X230(D)X210(H)mm
- (2) Carton : Main Body : 250(W)X530(D)X450(H)mm  
Keyboard : 310(W)X310(D)X280(H)mm
- (3) Main Body N.W : 8.2kg , G.W : 11.7kg
- (4) Keyboard N.W : 2kg , G.W : 3.0kg

### (H) Power Source : DC12V

◎ A piece of auto cross cylinder lens concludes 2 pieces of dissolution prism and 2 pieces of ±2.50D cross cylinder two different charts can be seen at the same time, and then CYL power and axis are available.



AMPELOS ENTERPRISE

SALES DEPARTMENT (AMPELOS ENTERPRISE Co.,Ltd. in Ampelos Group)  
RM.406, 1st Innoplex B/D, 371-47, Gasan-dong, Geumchon-gu, Seoul, Korea 153-803  
Tel +82-2-6679-0159 Fax +82-2-6679-0147  
E-mail : sales@ampelos.co.kr

MANUFACTURING DEPARTMENT (SCIENCETERA Co., Ltd. in Ampelos Group)  
RM.404, 1st Innoplex B/D, 371-47, Gasan-dong, Geumchon-gu, Seoul, Korea 153-803



SCIENCETERA