

## **SPA-100 Ophthalmic A-Scan/Pachymeter**

with macular recognition function, can accurately measure axial length, anterior chamber depth, lens thickness, as well as intra-ocular lens calculation.

And also with the central area and the peripheral areas gain automatic compensation capability, accurate measurement of central and peripheral corneal thickness, is widely used in the preoperative examination and postoperative effect evaluation of refractive surgery.

### **A scan probe:**

10MHz import small size probe, built-in luminotron

Measuring range: 15mm-40mm

Measurement precision:  $\pm 0.05$ mm; with macula lutea trace function

Measurement: Anterior chamber depth, lens thickness, vitreous body length, total length and average

Method of measurement: immersion and contact

Eye mode: Phakic/ Aphakic/Dense/ various IOL

IOL formula: SRK-II, SRK-T, BINKHORST- II, HOLLADAY, HOFFER-Q, HAIGIS

Enter the name & ID; easy to check archive

Storage: 10 cases, 5 readings each case

Output: A scan waveform and IOL calculation sheet

### **P scan probe:**

20MHZ, angle of 45 degrees makes easier operation

Resolution: 5 $\mu$ m

Measuring range: 150 $\mu$ m~1500 $\mu$ m

Display: SINGLE mode and MAP mode

Can display ultrasound waveform when measuring

Each group is the average of 20 measurements

Switch between IOP measured value and actual value

Can input name, ID and operator's name

Others:

Large color liquid-crystal screen

Touch screen input, easy operation

Curve freezing: Manual/Auto mode, controlled by pedal  
Built-in speed thermal printer