

One vision, Two sharp eyes with Our Innovation

# SP-3000

Pachymeter

The New Standard in Pachymeter with  
Color LCD touch screen & built-in Printer



- Color LCD Touch Screen
- Built-in Printer
- Tone-Assisted Measurement
- Averages 20 Readings per Locations
- Map Capabilities Up to 25 Discreet Locations
- Operator Adjustable Bias & Velocity
- 512K Memory Card (Optional)

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## Complete Package

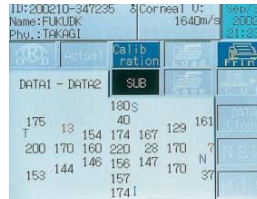
The Tomey SP-3000 Pachymeter sets a new standard in ultrasound pachymetry. The color LCD touch screen makes patient selection, reading selection & mapping as simple as one touch.

With tone-assisted measurement & auto averaging of up to 20 readings per location, the results of ten discreet points or up to 25 map points can be displayed, stored and/or printed for both OD & OS. Up to 6 patients data can be stored in the internal memory of the SP-3000.

Results can be displayed for each patient for the right eye or the left eye; stored for each patient in the optional 512Kb (up to 1,000 exams) memory card; or printed with the built-in printer, either as single points or as a map.

The SP-3000 is very flexible with operator adjustable bias & velocity & three measurement ranges: 150-350um, 300-1000um, & 900-1500um.

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The touch screen make quick & easy operation.



Up to 25 map points can be display.



Simple single mode is able to display up to 10 locations.

## SP-3000 SPECIFICATIONS

### Pachymeter Functions

#### Ultrasound

Frequency 20MHz  
Velocity Range 1,400 – 2,000m/s  
Default Setting 1,640m/s

#### Bias Values

Range 60 – 130% / -600 – 450um  
Default Setting 70% / 250um  
Measurement Range ± 150 – 1,500um  
Measurement Accuracy ± 5um  
Resolution 1um

#### Main Body

STN Liquid Crystal Display 5.7"Color

### Ultrasound Energy

Ispta3 Less than 17mW/cm2  
Isppa3 Less than 28mW/cm2  
MI Less than 0.23  
Dimensions 220mm (W) x 222mm (D) x 275mm (H)  
8.7" (W) x 8.7" (D) x 10.8" (H)

### Weight

4kg (8.8lbs.)  
Power Sources  
Range AC 100 to 240V  
Frequency 50/60 Hz  
Power Consumption 42VA



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