

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
- IOP Caluculations corrected by Center Corneal Thickness
- 512K Memory Card (Optional)

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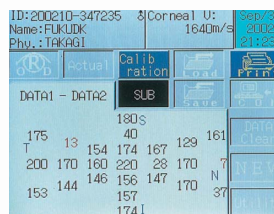
Complete Package

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.

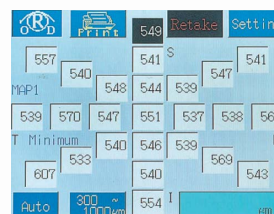
With tone-assisted measurement & auto averaging of up to 20 readings per location, the results of ten discreet points or up to 25 map points can be displayed, stored and/or printed for both OD & OS. Up to 6 patients data can be stored in the internal memory of the SP-3000.

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.

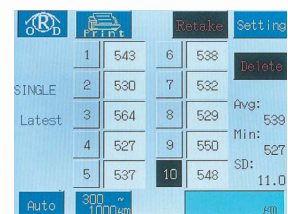
The SP-3000 is very flexible with operator adjustable bias & velocity & three measurement ranges: 150-350um, 300-1000um, & 900-1500um.



The touch screen makes quick & easy operation.



Up to 25 map points can be display.



Simple 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 $\pm 150 - 1,500\text{um}$
Measurement Accuracy $\pm 5\text{um}$
Resolution $\pm 1\text{um}$

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)
4kg (8.8lbs.)

Weight

Power Sources

Range AC 100 to 240V
Frequency 50/60 Hz
Power Consumption 35/42VA



Tomey Corporation [Asia-Pacific]

2-11-33 Noritakeshinmachi
Nishi-Ku, Nagoya, 451-0051, Japan
Tel: ++81-52-581-5327
Fax: ++81-52-561-4735
E-Mail: intl@tomey.co.jp

Tomey GmbH [Europe]

Am Weichselgarten 19a
91058 Erlangen, Germany
Tel: ++49-9131-77710
Fax: ++49-9131-777120
E-Mail: info@tomey.de

For more information, visit our web site

<http://www.tomey.com>