

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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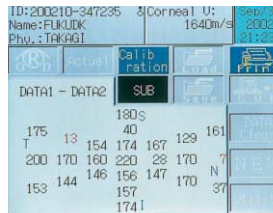
Complete Package

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.



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

Power Sources

Range AC 100 to 240V
Frequency 50/60 Hz
Power Consumption 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
D-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>