One Vision, Two Sharp Eyes with Our Innovation

SP-100 Handy Pachymeter

New Compact Pachymeter with Multiple Functions





IOP Calculations.

corrected by Center Corneal Thickness

One Vision, Two Sharp Eyes with Our Innovation

SP-10 Handy Pachymeter



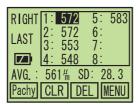
- Compact Body
- Built-in Printer
- Simple, Quick and Easy Measurement
- Rechargeable Battery with AC adapter
- 8 Readings with Average / Minimum / Latest Options
- Patient Data Input & Measurement Data Export Capability
- Large Data Display and LED Lighting
- IOP Calculations, corrected by Center Corneal Thickness

Not too small, Not too BIG... It's the size you need!

A simple Handy Pachymeter is what you want and Tomey delivers. The SP-100 Handy Pachymeter is only 530g (19 oz.) and is the best equipment to measure Central Corneal Thickness. The Tomey Tone-Assisted Measurement System will allow measurements without looking at the display. 2.7" Dot Matrix LCD provides easy-to-read information. Thermal built-in printer and RS-232C communication port make quick recording and easy data output possible.

The unit just fits in your hand. Unlike the pen style which is easily lost, our pachymeter is comfortably held with one hand and is more portable than the larger models. The built-in rechargeable battery enables wireless operation. Our easy-to-read print out includes the patient ID, name and measured date.

If you don't have a pachymeter, the SP-100 is the only one you need. If you already have one, the SP-100 is the best pachymeter as a second unit.



Easy Measurement with Simple

RIGHT



Large Measurement Data Operating Panel (Buttons & Indicator)

RIGHT IOP Calculat. $\Delta P = (554-CCT)*0.0450$
$\Delta P = (334 - 661) *0.0430$
TONOMETRY=22.0 mmHg
CCT = $454 \mu \text{ m}$
Adj. IOP = 17.5mmHg
R/L CCT PARAM EXIT

IOP Calculations



TONOMETRY :24.8 Adjust. IOP:26.3 Sample Printout

2004/ 9/24 16:30

12345678901234

ABCDEFGHIJKLMN

Vel:1640 Average

Avg: 826 SD: 2.9

IOP CALCULATION

PARAM: 554, 0, 0450 RIGHT

TONOMETRY : 25. 0

Adjust. IOP:26.5 LEFT ----

2: 830

1: 548 3: 553

5: 583 Avg: 561 SD:28.3 LEFT ----

1: 823 3: 826

SP-100 **SPECIFICATIONS**

Pachymeter Functions

Ultrasound Frequency $20MHz \pm 20\%$ Velocity Range 1,400 - 2,000m/s Default Setting 1,640m/s

Measurement Range 150 - 1,200μm **Measurement Accuracy** ± 5μm Minimum Display Unit 1µm

Main Body

Display STN 2.7" Dot Matrix LCD **Dimensions**

Weight **Power Sources Voltage Range Frequency Power Consumption Battery**

118mm (W) x 207mm (D) x 59mm (H) 4.6" (W) x 8.1" (D) x 2.4" (H) 530g (1.17 lbs.)

100-240 V AC 50/60Hz

Lithium Ion Rechargeable Battery Up to 4 hours continuous use



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