

One Vision, Two Sharp Eyes with Our Innovation

SP-100

Handy Pachymeter

New Compact Pachymeter
with Multiple Functions



- 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

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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.

RIGHT	1: 572	5: 583
LAST	2: 572	6:
	3: 553	7:
	4: 548	8:
AVG.:	561 μ m SD: 28.3	
	Pachy CLR DEL MENU	

Easy Measurement with Simple Screen

RIGHT
544

Large Measurement Data

RIGHT IOP Calculat.
$\Delta P = (554 - CCT) * 0.0450$
TONOMETRY = 22.0 mmHg
CCT = 454 μ m
Adj. IOP = 17.5 mmHg
R/L CCT PARAM EXIT

IOP Calculations



Operating Panel (Buttons & Indicator)

2004/ 9/24 16:30
12345678901234
NAME
ABCDEFGHIJKLMN
Vel: 1640 Average
RIGHT
1: 548 2: 572
3: 553 4: 548
5: 583
Avg: 561 SD: 28.3
LEFT
1: 823 2: 830
3: 826
Avg: 826 SD: 2.9
IOP CALCULATION
PARAM: 554.0.0450
RIGHT
TONOMETRY: 25.0
Adjust. IOP: 26.5
LEFT
TONOMETRY: 24.8
Adjust. IOP: 26.3

Sample Printout

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 – 1,200 μ m
Measurement Accuracy	\pm 5 μ m
Minimum Display Unit	1 μ m

Main Body	
Display	STN 2.7" Dot Matrix LCD

Ultrasound Energy

Ispta3	Less than 17mW/cm2
Isppa3	Less than 28W/cm2
MI	Less than 0.23

Dimensions

	118mm (W) x 207mm (D) x 59mm (H)
	4.6" (W) x 8.1" (D) x 2.4" (H)

Weight

530g (1.17 lbs.)

Power Sources

Voltage Range	AC 100–120 V or 200 – 240 V
Frequency	50/60Hz

Power Consumption

Battery	23VA + less than 15%
	Lithium Ion Rechargeable Battery
	Up to 4 hours continuous use



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-Tennenlohe, 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>

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