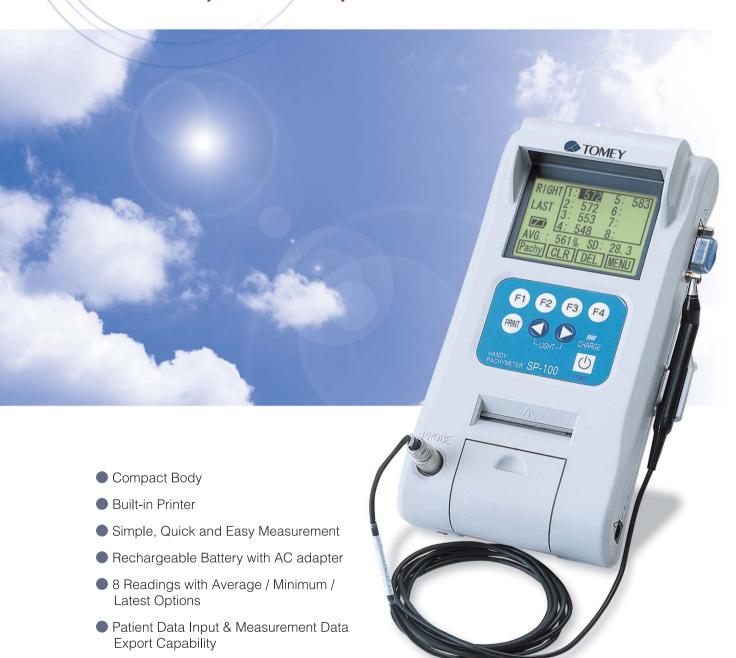
One Vision, Two Sharp Eyes with Our Innovation

SP-100 Handy Pachymeter

New Compact Pachymeter with Multiple Functions



 IOP Calculations, corrected by Center Corneal Thickness

Large Data Display and LED Lighting



One Vision, Two Sharp Eyes with Our Innovation

SP-100 Handy Pachymeter



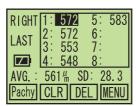
- Compact Body
- Built-in Printer
- Simple, Quick and Easy Measurement
- Rechargeable Battery with AC adapter
- 8 Readings with Average / Minimum / Latest Options
- Patient Data Input & Measurement Data Export Capability
- Large Data Display and LED Lighting
- IOP Calculations, corrected by Center Corneal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



Large Measurement Data

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

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

Main Body

STN 2.7" Dot Matrix LCD Display

Ultrasound Energy

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

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 23VA + less than 15%

Battery Lithium Ion Rechargeable Battery Up to 4 hours continuous use



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