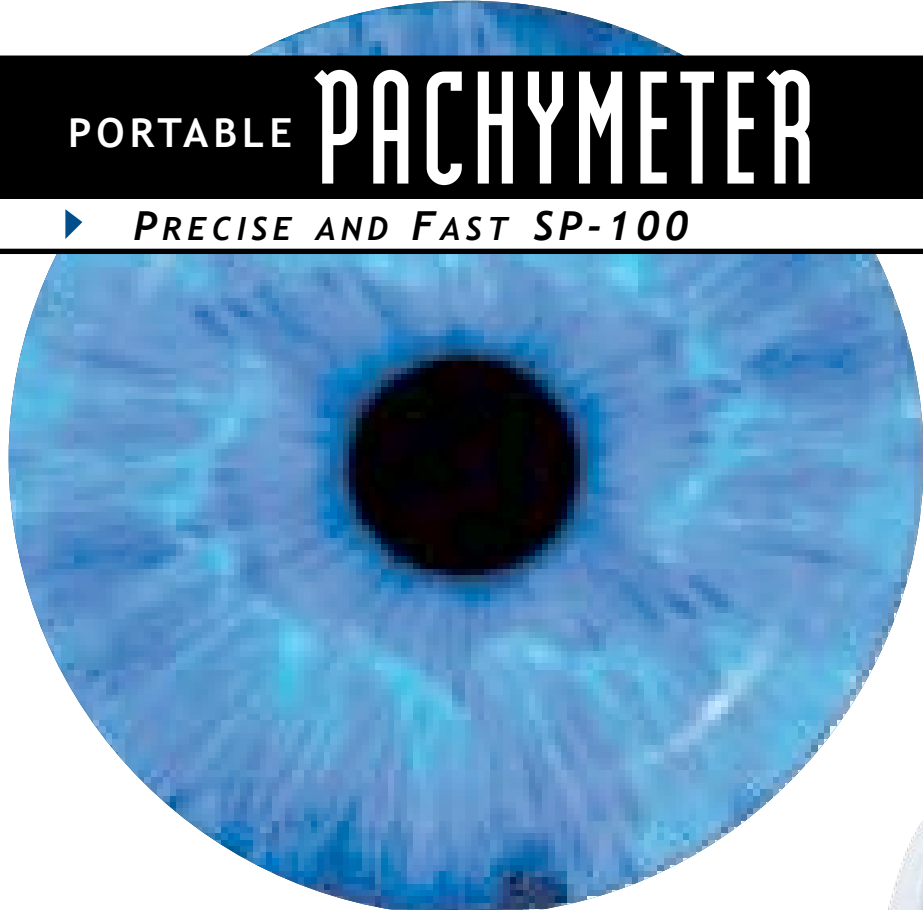


# PORTABLE PACHYMETER

▶ *PRECISE AND FAST SP-100*

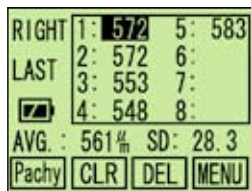


- *Automatic CCT Corrected IOP Calculations*
- *Built-in Printer*
- *Precise Multi Averaging*
- *Measuring Range 150 to 1,200  $\mu$ m*
- *8 Readings with Averaging*
- *Patient Data Input & Export Capability*

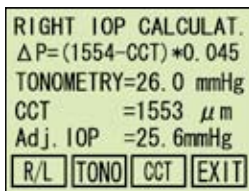




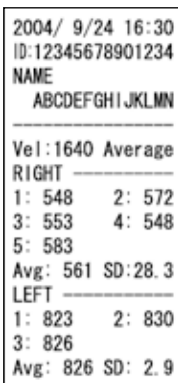
SPECIFICATIONS



Average will be calculated out of 8 single measurements



IOP calculation



Sample printout

### Small Size - High Ability

The Tomey Pachymeter SP-100 covers all your needs regarding pachymetry. Small and portable design, wireless operation and weight of only 0.53 kg (1.17 lbs) makes the SP-100 an "easy to use unit".

### Wide Measurement Range

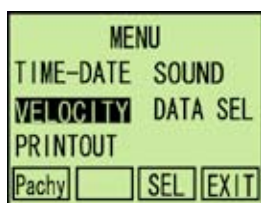
The wide measurement range from 150 to 1,200  $\mu m$  gives you the possibility to measure very thin or thick corneas.

### Customised Pachymeter

With the programmable IOP formula you are able to get the central corneal thickness (CCT) corrected IOP. The SP-100 calculates this automatically with the formula of your choice. Also the adjustable velocity from 1,400 to 2,000 m/s and the selectable data type enables you to customise the pachymeter to your needs. The system displays the average of 8 measurements. Every single measurement is already an average out of up to 20 exams. You can select out of three data types: average, latest or minimum. All data are also displayed on the large illuminated LC display.

### Documentation

You can print your results on the built-in printer or transmit it to a PC or network system via serial port. The printout includes the patient ID, name and measured data. The rechargeable battery with AC/DC adapter has a standby time up to 6 hours.



Settings display



Big letters make display reading easy

#### Pachymetry Function

- Single Mode** 8 single, average / minimum / latest options
- Frequency** 20 MHz
- Velocity Range** 1,400 to 2,000 m/s
- Default Setting** 1,640 m/s
- Measurement Range** 150 to 1,200  $\mu m$
- Measurement Accuracy**  $\pm 0.005$  mm

#### Main Unit

- Display** STN 2.7" dot Matrix LCD  
240 x 160 pixel
- Printer** Built-in thermal printer
- Communication Port** RS-232

#### Dimensions & Electric Requirements

- Dimensions WDH** 118 x 207 x 59 mm
- Weight** Approx. 0.53 kg
- Battery Model** Sonyo GS
- Working Time** 6 hours 45 minutes
- Battery Charger**
- Output** 7.0 V
- Load Current** 2 A



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