

# PACHYMETER SP-100

PORTABLE PACHYMETER

# DELIGHT IN SIGHT

Portable. Precise. Powerful.



- Automatic CCT corrected IOP calculations
- Wide measuring range 150 to 1,200  $\mu\text{m}$
- Patient data input & export capability
- Built-in printer
- 8 readings with averaging
- Cordless

 **TOMEY**  
TECHNOLOGY AND VISION

# THE TOMHEY PORTABLE PACHYMETER SP-100



## QUALITY IN DETAIL

### Small Size – High Ability

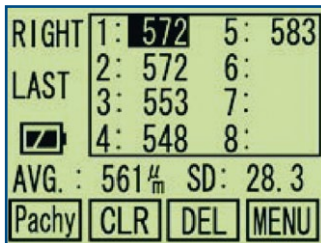
The Tomey pachymeter **SP-100** covers all your needs regarding pachymetry. Small and portable design, wireless operation and light weight make the **SP-100** an “easy-to-use unit”.

### Customised Pachymeter

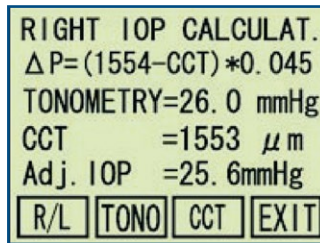
You need adjustable IOP correction? Easily done! With the programmable IOP formula you are able to get the central corneal thickness (CCT) corrected IOP. The **SP-100** calculates this automatically with the formula of your choice. The system displays the average of 8 measurements. Every single measurement is already an average out of up to 20 exams.

### Documentation

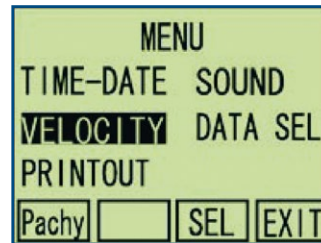
You can print your results on the built-in printer or transmit it to a PC or network system via serial port. The printout includes the patient ID, name and measured data. The rechargeable battery with AC/DC adapter has a standby time up to 6 hours.



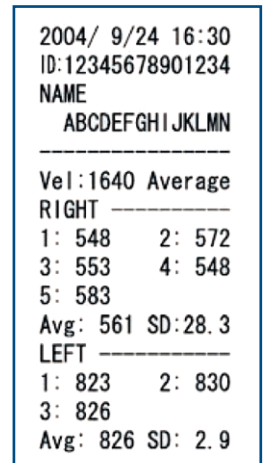
Average will be calculated out of 8 single measurements



IOP calculation



Settings display



Sample printout



Control panel



Pachymeter probe



Illuminated LC display

## SPECIFICATIONS

### 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** 1,400 to 2,000 m/s

**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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