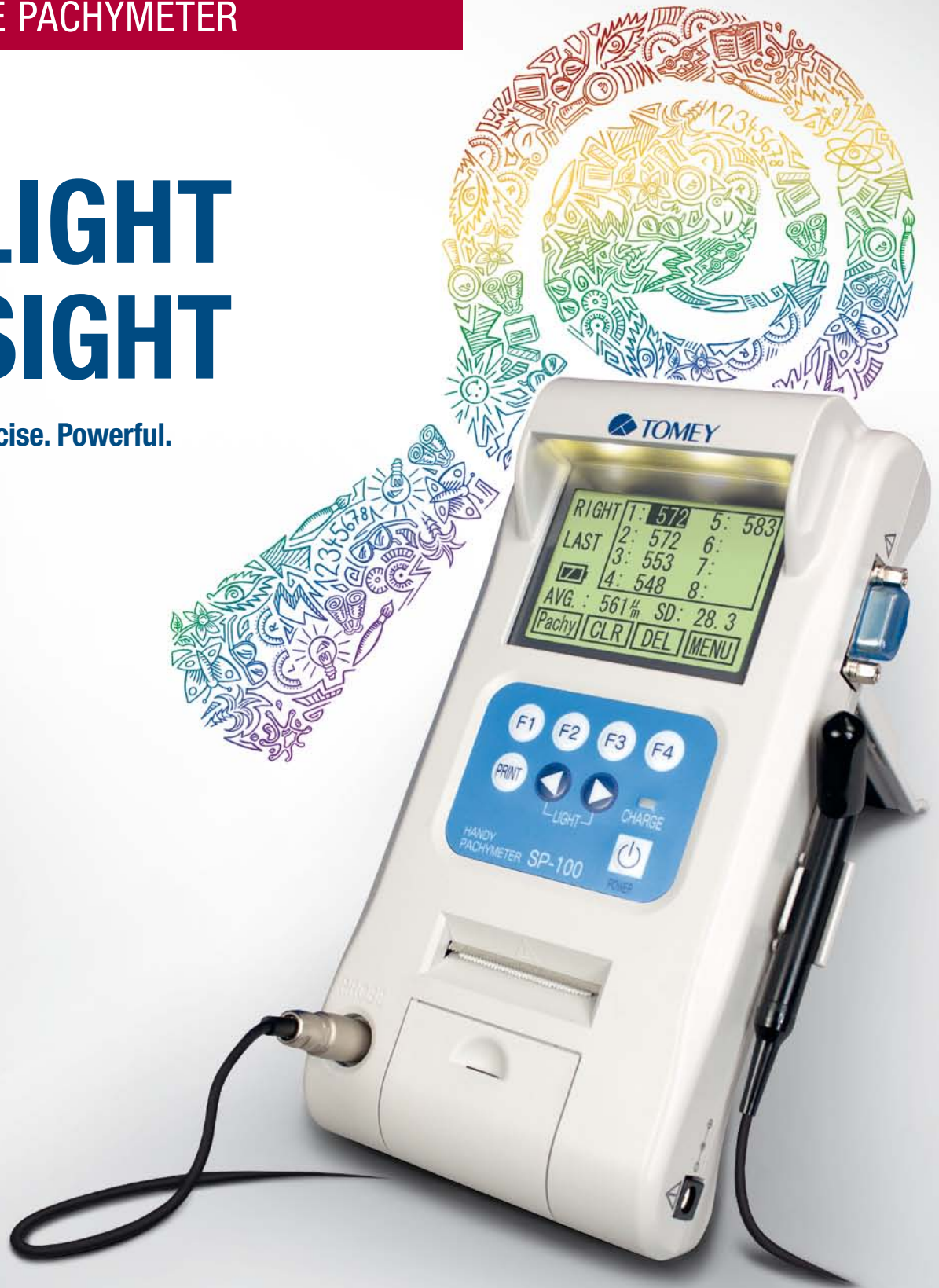


# PACHYMETER SP-100

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 PACHYETER SP-100



## QUALITY IN DETAIL

### Small Size – High Ability

The Tomey pachyeter **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 Pachyeter

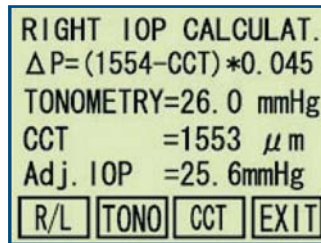
You need adjustable IOP correction? Easily done! With the programmable IOP formula you are able to get the central corneal thickness (CCT) corrected IOP. The **SP-100** calculates this automatically with the formula of your choice. The system displays the average of 8 measurements. Every single measurement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

### Documentation

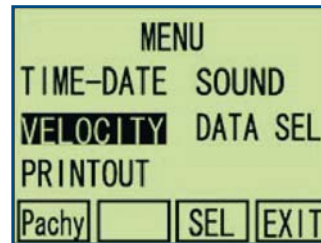
You can print your results on the built-in printer or transmit it to a PC or network system via serial port. The printout includes the patient ID, name and measured data. The rechargeable battery with AC/DC adapter has a standby time up to 6 hours.



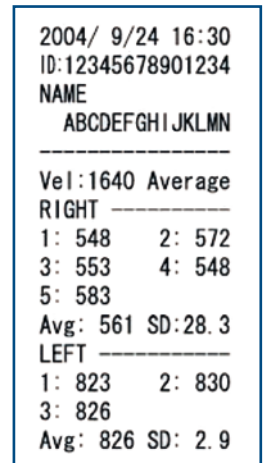
Average will be calculated out of 8 single measurements



IOP calculation



Settings display



Sample printout



Control panel



Pachyeter probe



Illuminated LC display

## SPECIFICATIONS

### PACHYETER FUNCTION

<b>Single Mode</b>	8 single, average / minimum / latest options
<b>Frequency</b>	20 MHz
<b>Velocity range</b>	1,400 to 2,000 m/s
<b>Default setting</b>	1,640 m/s
<b>Measurement range</b>	1,400 to 2,000 m/s
<b>Measurement accuracy</b>	± 0.005 mm

### MAIN UNIT

<b>Display</b>	STN 2.7" dot Matrix LCD 240 x 160 pixel
<b>Printer</b>	Built-in thermal printer
<b>Communication port</b>	RS-232

### DIMENSIONS & ELECTRIC REQUIREMENTS

<b>Dimensions WDH</b>	118 x 207 x 59 mm
<b>Weight</b>	approx. 0.53 kg
<b>Battery</b>	Model Sonyo GS
<b>Working time</b>	6 hours 45 minutes
<b>Battery charger</b>	
<b>Output</b>	7.0 V
<b>Load current</b>	2 A

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