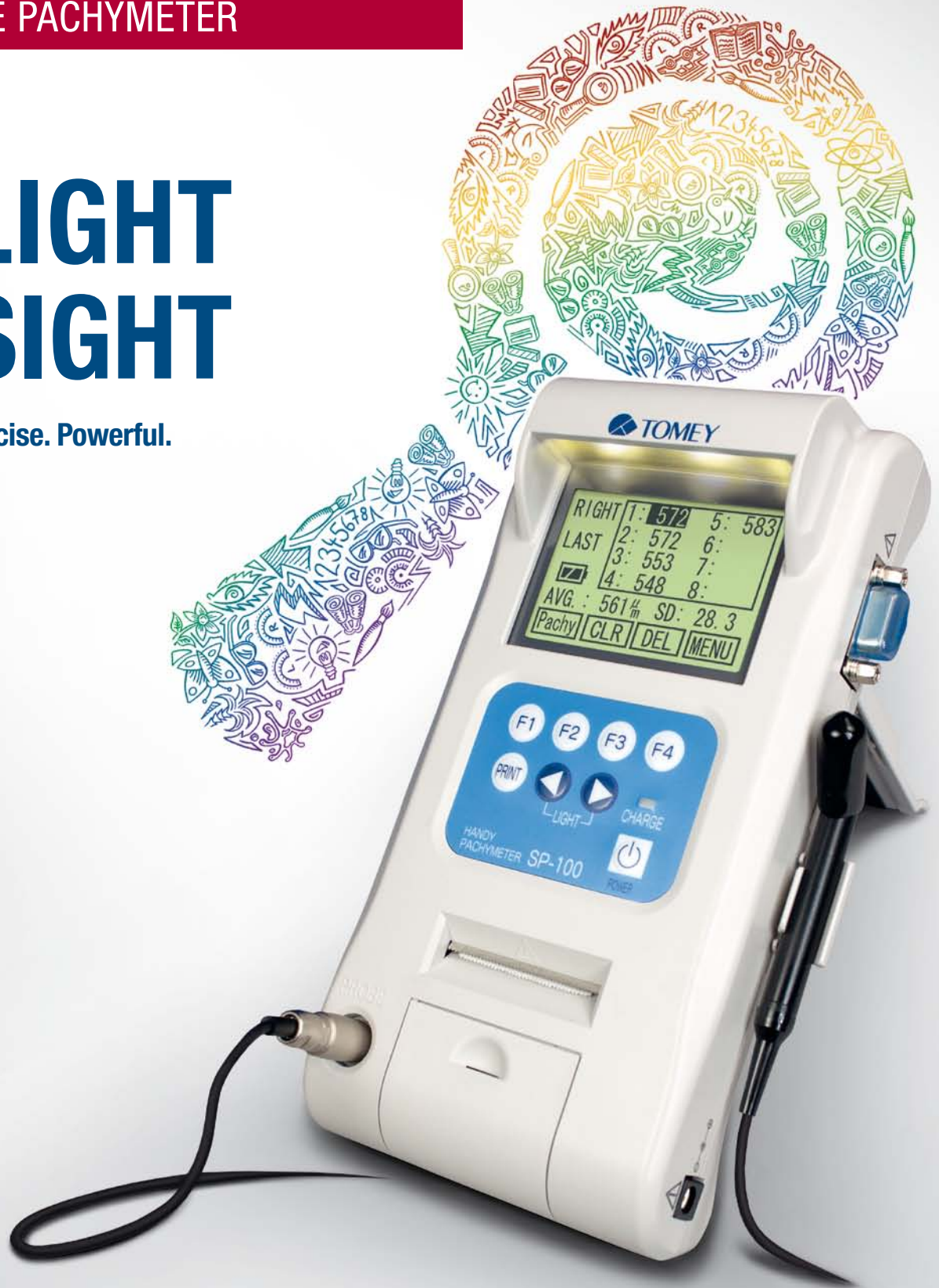# PACHYMETER SP-100

PORTABLE PACHYMETER

DELIGHT IN SIGHT

Portable. Precise. Powerful.

- Automatic CCT corrected IOP calculations
- Wide measuring range 150 to 1,200 μm
- Patient data input & export capability
- Built-in printer
- 8 readings with averaging
- Cordless

TOMEY
TECHNOLOGY AND VISION

THE TOMEY PORTABLE PACHYMETER SP-100

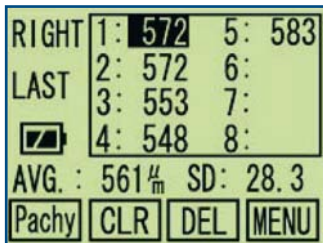## QUALITY IN DETAIL

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".
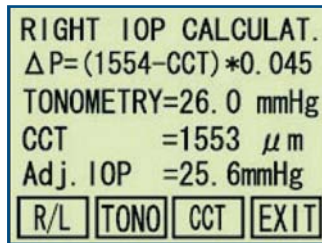
Customised Pachymeter
You need adjustable IOP correction? Easily done! With the programmable IOP formula you are able to get the central corneal thickness (CCT) corrected IOP. The **SP-100** calculates this automatically with the formula of your choice. The system displays the average of 8 measurements. Every single measurement is already an average out of up to 20 exams.
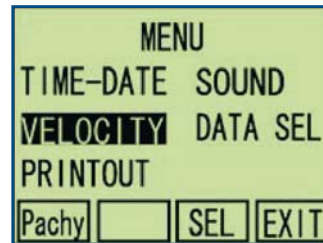
Documentation
You can print your results on the built-in printer or transmit it to a PC or network system via serial port. The printout includes the patient ID, name and measured data. The rechargeable battery with AC/DC adapter has a standby time up to 6 hours.
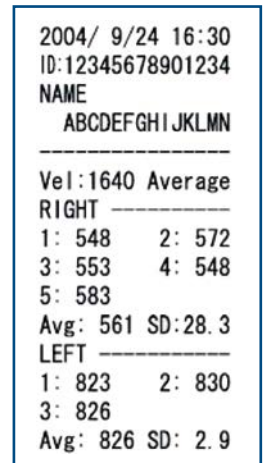

Average will be calculated out of 8 single measurements

IOP calculation

Settings display

Sample printout

Control panel

Pachymeter probe

Illuminated LC display

SPECIFICATIONS

PACHYMETRY FUNCTION		MAIN UNIT		DIMENSIONS & ELECTRIC REQUIREMENTS	
Single Mode	8 single, average / minimum / latest options	Display	STN 2.7" dot Matrix LCD 240 x 160 pixel	Dimensions WDH	118 x 207 x 59 mm
Frequency	20 MHz	Printer	Built-in thermal printer	Weight	approx. 0.53 kg
Velocity range	1,400 to 2,000 m/s	Communication port	RS-232	Battery	Model Sonyo GS
Default setting	1,640 m/s			Working time	6 hours 45 minutes
Measurement range	1,400 to 2,000 m/s			Battery charger	
Measurement accuracy	± 0.005 mm			Output	7.0 V
				Load current	2 A

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