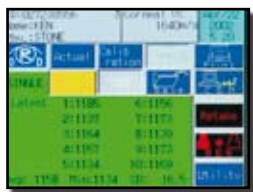


# COMPACT PACHY METER

▶ SMART SP-3000

- *Automatic CCT Corrected IOP Calculations*
- *2 Programmable Pachymetry Maps*
- *Colour Touch Screen*
- *Data Storage*
- *Compact Size*
- *Memory Card Drive*
- *Built-in Printer*





The single measurement mode calculates the average of up to 10 measurements.



2 programmable maps with up to 25 measurement points each.

## Smart Pachymetry

The Tomey Pachymeter SP-3000 covers all needs regarding pachymetry in ophthalmic surgery and the general ophthalmic health care.

## Easy to Use

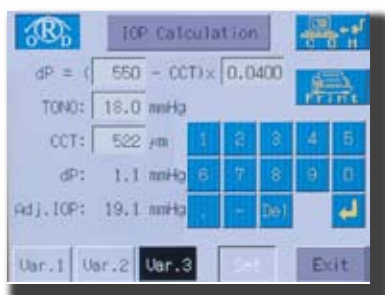
Compact design, colour touch screen and „quick access buttons“ ensure the SP-3000 to be an “easy to use unit”. The wide measurement range from 150 µm to 1500 µm gives you the possibility to measure very thin or thick corneas or other tissues. The adjustable velocity from 1400-2000 m/s and a BIAS in percentage and µm for corneal incisions or trephine enables you to customize the pachymeter to your needs. The single measurement mode calculates the average of 10 measurements.

## 2 Programmable Pachymetry Maps

With the two programmable maps you have the possibility to measure 25 points each over the whole cornea.

## IOP Calculation

With the programmable IOP formula you are able to get the central cornea thickness (CCT) corrected IOP. The SP-3000 calculates this automatically with the formula of your choice.



IOP Calculation

## SPECIFICATIONS

### Pachymetry

<i>Single Mode</i>	10 Single + Average
<i>Corneal Thickness Map</i>	2 Programmable Maps with up to 25 Points
<i>Cross Section</i>	View of the Programmable Corneal Cut Line
<i>Bias Values</i>	Mode 1: 70 % (60 to 130) Mode 2: 250 µm (-600 to 450)

### Measuring Range

<i>Range 1</i>	150 µm to 350 µm
<i>Range 2</i>	300 to 1000 µm
<i>Range 3</i>	900 to 1500 µm
<i>Velocity</i>	1640 m/s (1400 to 2000)
<i>Accuracy</i>	±0.005 mm
<i>Resolution</i>	0.001 mm
<i>Pachymeter Probe</i>	20 MHz (±10%)
<i>IOP Calculation</i>	Up to 3 different formulae

### Main Unit

<i>SIN LCD</i>	5.7 Inches, Colour
<i>Printer</i>	Built-in Thermal Printer
<i>Connector RS-232</i>	Z-Modem

### Dimensions & Electric Requirements

<i>Dimensions WDH</i>	220 x 222 x 275 mm
<i>Weight</i>	Approx. 4.0 kg
<i>Power Supply</i>	AC 100 V to 240 V
<i>Frequency</i>	50/60 HZ
<i>Power Consumption</i>	Less than 42 VA

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