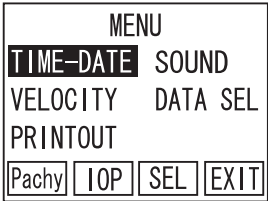


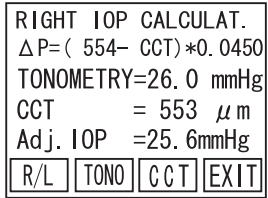
iv. IOP Calculation

SP-100 Handy Pachymeter



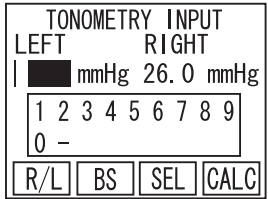
MENU

Press F2 (IOP) to go to IOP Calculation Main.



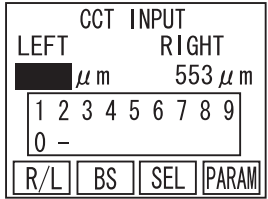
IOP Calculation Main

Press F1 (R/L) to change screen for RIGHT / LEFT.
 Press F2 (TONO) to go to TONOMETRY INPUT.
 Press F3 (CCT) to go to CCT&PARAMETER INPUT.
 Press F4 (EXIT) to go back to MENU.



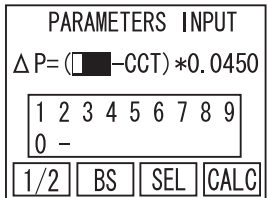
TONOMETRY INPUT

Change values by pressing ◀ ▶ to select a number, then press F3 (SEL) to enter. Press F4(CALC) to go back to IOP Calculation with Calculation results, if applicable.



CCT INPUT

Change values by pressing ◀ ▶ to select a number, then press F3 (SEL) to enter. Press F4(NEXT) to continue on to PARAMETERS INPUT.

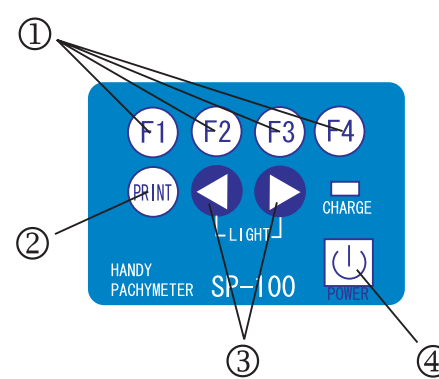


PARAMETERS INPUT

Change values by pressing ◀ ▶ to select a number, then press F3 (SEL) to enter. Press F1 (1/2) to move highlighted cursor between Parameter 1 and 2.
 Press F4(CALC) to go back to IOP Calculation with Calculation results, if applicable.

i. Operation Panel

SP-100 Handy Pachymeter



① Function Key

Each key works as displayed on the bottom of the screen

② PRINT Key

Press this key to print with built-in Printer

③ ◀ ▶ Keys

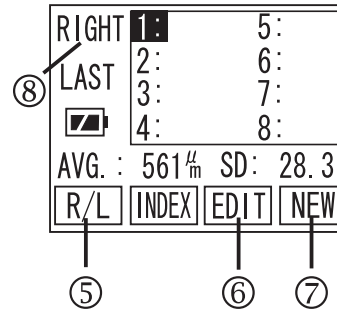
1, Move highlighted
 2, Press both button simultaneously to turn the back light ON and OFF

④ POWER Key

Main Power ON and OFF

ii. Operation Screen

Measurement Screen



⑤ R / L Key

Select right eye or left eye to be measured

⑥ EDIT Key

Press this key to review measured data

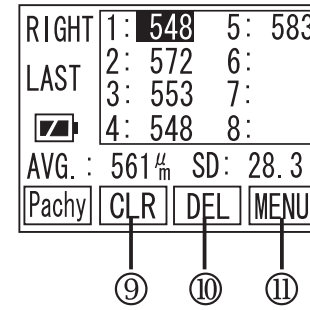
⑦ NEW Key

Press this key to measure next patient

⑧ RIGHT / LEFT Indicator

Indicate selected eye to be measured

EDIT screen



⑨ CLR Key

Press this key to clear measured data for one eye from the display and memory

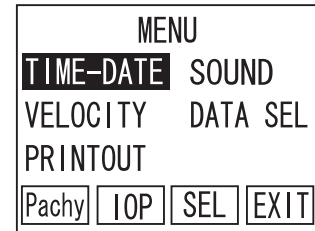
⑩ DEL Key

Press this key to delete only highlighted data on EDIT screen

⑪ MENU Key

Press this key to switch screen into Setup screen (MENU screen)

Setup Menu screen



iii. Operation

SP-100 Handy Pachymeter

1. PRIOR TO USE

- Connect the probe to the terminal and make sure the tip is dry.
- Power ON (4) and the screen shows the ultrasound velocity followed by the measurement screen. If [PROBE ERROR!] appears, check the connection or verify the probe tip is dry.
- Press F1 key (R/L: (5)) to switch Right eye and Left eye for measurement. (8)

2. MENU

Change Settings: Select EDIT (6) then MENU (11) to go to Setup. (See next page for details)

3. MEASUREMENT

- Apply pachymeter probe tip perpendicular to corneal surface, not pressing hard
- When the unit is on the measurement screen and all conditions are ready, the unit starts measuring automatically. A beep will tell you exactly when the measurement is taken.
- When the measurements of one position is done, two short beeps sound. Start measurement for another position, when the cursor on the screen moves next.
- Up to 8 readings can be temporarily stored in the unit. Press R/L (5) to switch and take the measurement of another eye.

4. EDIT

Press "CLR" (9) to clear all the data for one eye. Press "DEL" (10) to deletes the highlighted data. Both should be pressed and held for a few seconds until they function.

5. PRINT

Press "PRINT" (2) to print the data. "Standard" gives all patient data as well as all measurement results. "Simple" gives Patient ID and all the measurement results.

6. Next Patient

Press "NEW" (7) and keep holding it until the unit gives short beep. This clears all patient data and measurement results in order to measure the next eye.

7. Shut Down

Press "Power" (4) to turn off the main power. Clean the probe and store it on the probe holder on the right side of the unit.

Auto Light-Off ---- 1 minute of no operation
Auto Power-Off ---- 3, 6 or 10 min. of no operation

iv. MENU Options

SP-100 Handy Pachymeter

MENU	
TIME-DATE	SOUND
VELOCITY	DATA SEL
PRINTOUT	AUTO OFF
Pachy	TOP
SEL	EXIT

YEAR			MONTH			DAY		
2004			/ 09			/ 24		
HOUR						MIN.		
16						: 30		
SEL			EXIT					

SOUND			
-	>	>>	>>>
EXIT			

VELOCITY: 1640 m/s	
EXIT	

DATA SELECTION	
AVERAGE	LATEST
MINIMUM	
EXIT	

PRINTOUT	
STANDARD	SIMPLE
EXIT	

MENU TOP

- TIME-DATE: Setup Time & Date
- SOUND: Beep volume can be changed
- VELOCITY: Ultrasound Velocity for Calculation can be changed
- DATA SEL: Average, Latest and Minimum data display
- PRINTOUT: "Standard" or "Simple" printout mode option
- AUTO OFF: 3, 6 and 10 Min. Auto Power Off time can be adjusted

TIME-DATE

Change date and time. Press ◀ ▶ cursors to move the items you want to change. Press "SEL" key and press cursors again to change numbers. Press "EXIT" to save and exit from this menu.

SOUND

Change sound volume. Press ◀ ▶ cursors to change volumes. Press "EXIT" to save and exit from this menu.

VELOCITY

Change ultrasound velocity. Press ◀ ▶ cursors to change values. Press "EXIT" to save and exit from this menu. The values will be changed from 1,400 to 2,000 m/s.

DATA SELECTION

AVERAGE: shows average of readings on each position
LATEST: shows the last measurement result
MINIMUM: shows minimum reading of measurements
Press "EXIT" to save and exit from this menu.

PRINTOUT

Press ◀ ▶ cursors to switch between two options.
STANDARD: prints all data on the screen
SIMPLE: prints all data except date and patient name
Press "EXIT" to save and exit from this menu.