

## TITLE BAR

Displays the type of main data, test name, time, and duration of current exam.

## DATA REFERENCE

Displays data measured by an external device, AR=Auto Refractometer, Rx=Lensmeter.

## AUXILIARY LENS/PD DISPLAY

Displays the auxiliary lens set. The PD value is also displayed.

## MINI HELP

Displays the beginning portion of the customizable script for the current test.

## BASIC OPERATION BUTTONS

These buttons are used for tests on sphere, cylinder, axis, and cross cylinder test.

## SPECIAL FUNCTION BUTTONS

These buttons are used before and after tests to select settings, data input/output, menu display, power on/off for monitor, etc.

Press [Shift] and [Menu] buttons at the same time, and you can access [Settings] menu.

## FUNCTION SELECTOR BUTTONS

These buttons are used to change dial functions.

## PROG BUTTON

Press [Prog] button, and the registered courses are displayed. Select a course or test to be started with the dial and press [SET] button to start the course.

## MAIN DATA

Displays the current lens settings in the CV-5000.

## DIAL NAVIGATION

Indicates which way to turn dial for +/-.

## TOUCH PANEL OPERATION UNIT

Items may be selected in this area of the screen by touching the screen.

## HELP

Displays the customized text for the test being performed.

## MASK SELECTOR BUTTON

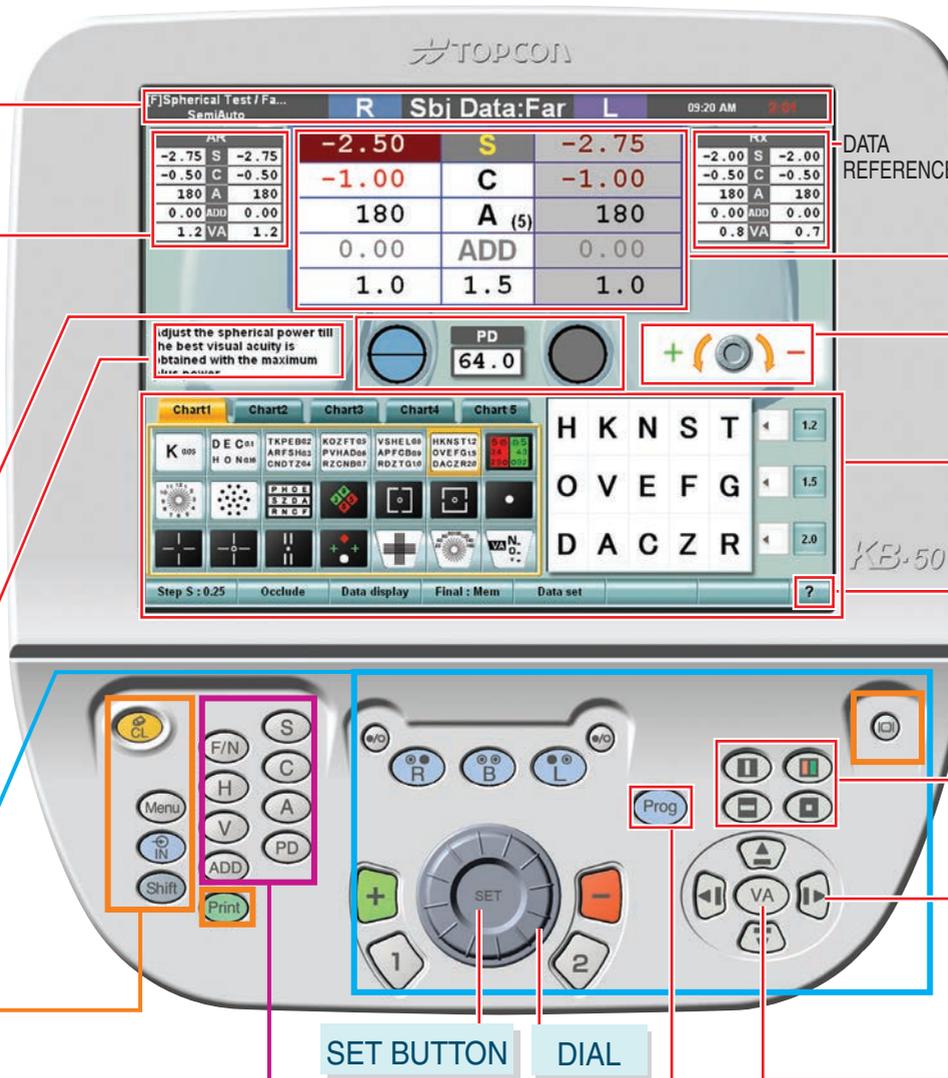
This button is used to apply the vertical, horizontal or character mask or the red/green filter to the chart.

## MASK MOVE BUTTON

You can change the use of the mask or change the chart to the previous or next one. Press each arrow button, and you can move the visible chart.

## VA BUTTON

This button is used to input the visual acuity. Press [VA] button and select the visual acuity. Press [SET] button to record the visual acuity. If you use mask, the visual acuity is set.



# FLOW OF SIMPLE EXAMINATION

CV-5000 & KB-50 system realizes the refraction only with simple operations by automatic refraction program.  
Programs 1-5 are customizable.

## A Turn the power on.

- ① Turn on the external units, such as Chart Projector.
- ② Turn on the CV-3000 & KB-50.

## B Input objective measurement data and lensmeter data.

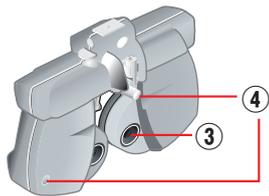
RM  
Auto-Refractometer

CL  
Computerized  
Lensmeter



- ① Measure the eye with RM (Refractometer).
- ② Press [PRINT] button on RM, then data is output automatically.
- ③ Measure the glasses with CL (Computerized Lensmeter).
- ④ Press [PRINT] button on CL, then data is output automatically.
- ⑤ Press [IN] button on KB-50. Data from RM and CL is displayed in data reference area.
- ⑥ If in selectable mode, select the patient data from each of the interfaced external devices.

## C Prepare CV-5000



- ① Set the CV-5000 head in front of patient.
- ② Press [PD] button and turn on the corneal illumination.
- ③ Check the position of eye, by looking through the examination windows.
- ④ Check the vertex position looking through the corneal aligning windows. Adjust forehead rest knob.

## D Select program course



- ① Press [Prog] button.
- ② Select the program using the dial.
- ③ Press [SET] button to start program course.

\* STANDARD is registered as default program course.

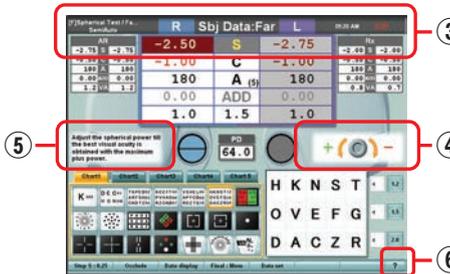
## 1 Examination

\* in case of STANDARD

STANDARD course requires only ① dial and ② [SET] button.



### Program Guided Examination

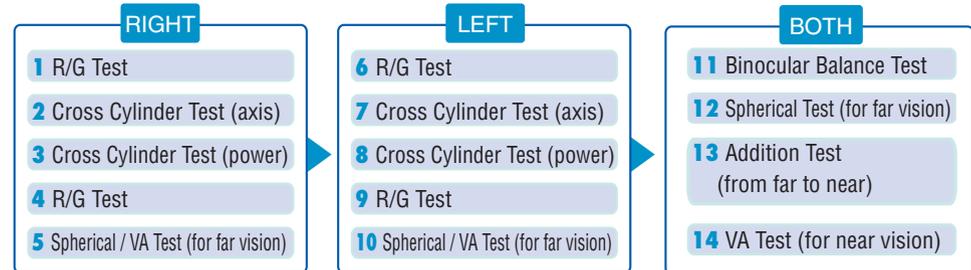


- Look at the
- ③ title bar,
  - ④ Dial Navigation,
  - ⑤⑥ Help menu,

then you perform the examination by turning ① dial for "which is better 1 or 2" and pressing ② [SET] button to go to the next step.

### Flow of Program

The flow of STANDARD program is as follows.



\* Please use near vision chart for 13. and 14. which is the standard component.

### Smart Cross Cylinder

This program proceeds automatic astigmatism test using cross cylinder.

- ① Compare the first and the second
- ② Input the patient's reply.

## 2 End of the test

Press [Print] button to print out the data.  
Press [Menu] button, if necessary, to access [Eye examination tool] for consultation.  
Press [CL] button to reset. All for the test.

※When customizing the default setting or programs, press [Shift] and [Menu] to access the [Settings] menu.