

MingSing Chart Screen

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

1 2 3

Activate Windows
Go to Settings to activate Windows

The screen displays a grid of eye measurements for both right and left eyes. The right eye section includes rows for BI, BD, and BO/BU values. The left eye section includes rows for C, A, H, and V values. Below the grid are buttons for FAR, NC, CV, FINAL, BACK, and NEXT. At the bottom, there are controls for R, VA, and L values, along with directional arrows. To the right, a large grid of optotype symbols (E, 8, C, etc.) is shown, each with its name and size. Below this grid are three rows of large optotype symbols (E, 8, C) and their corresponding sizes (0.1, 0.16, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 1.0, 1.2). The bottom right corner shows a 'Connected' status for a device.

Reset Rx

i-Optik

RIGHT EYE		LEFT EYE	
+0.00	S(0.25)	+0.00	
-0.00	C(-0.25)	-0.00	
180	A(5)	180	
BI 0.0	H(0.1)	BO 0.0	
BD 0.0	V(0.1)	BU 0.0	
+0.00	ADD		

FAR NC CV FINAL

R:32.0 PD:64.0 L:32.0

← →

R:0.0 VA:0.0 L:0.0

File Explorer

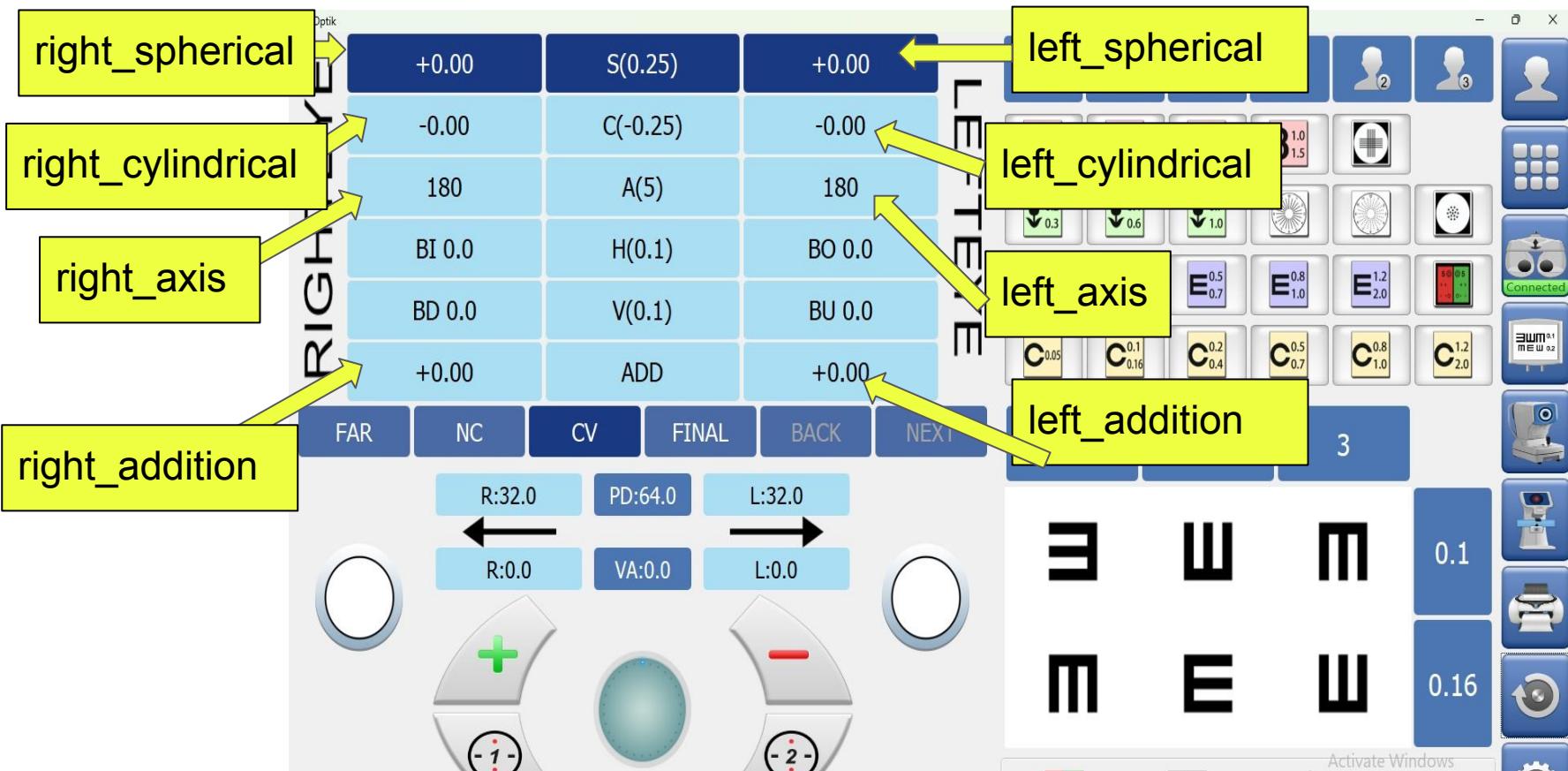
Step 1: Reset Rx

Step 2: Click OK

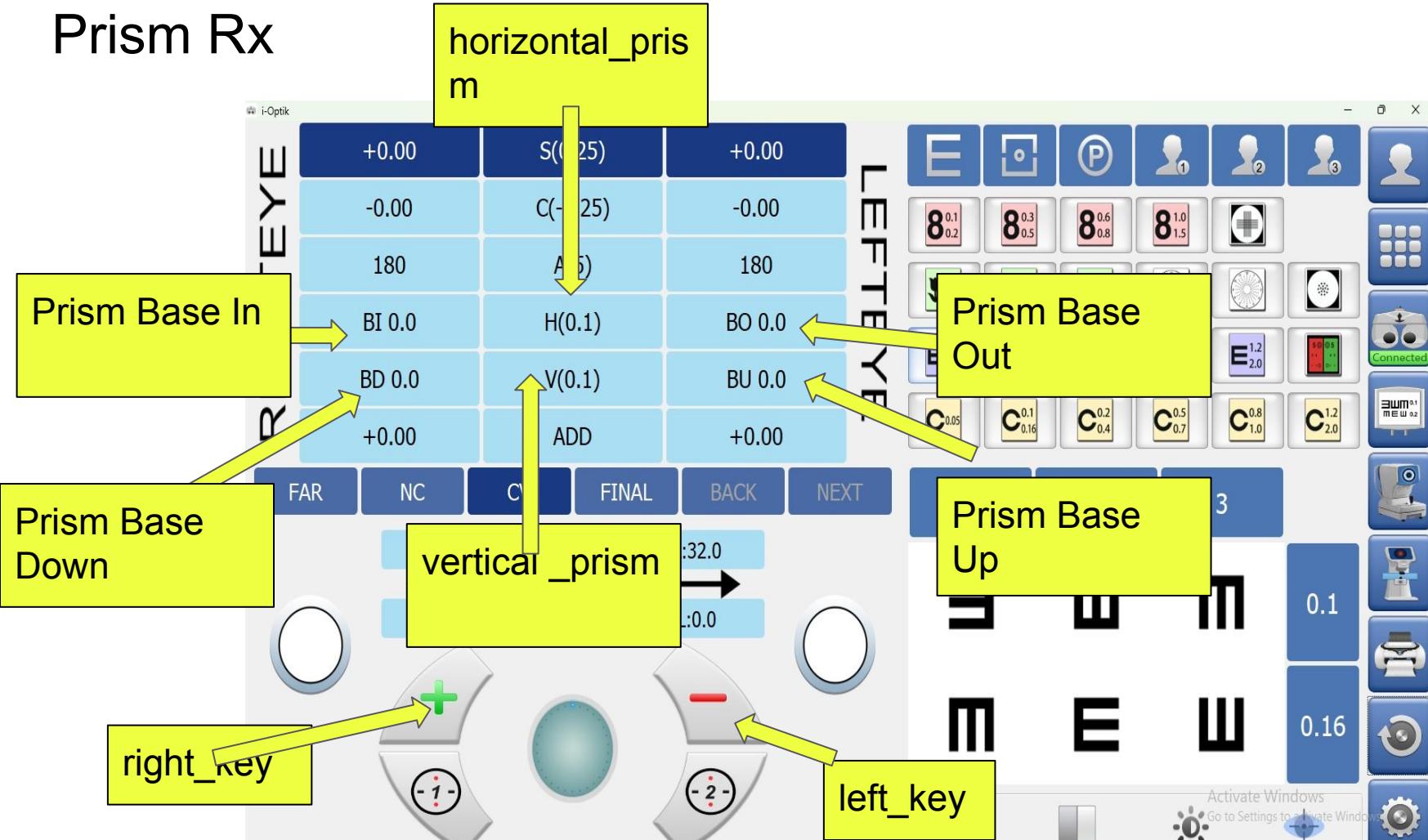
Reset App
This operation will reset application and clear all data, would you like to continue?
Ok Cancel

Legend:
E 0.1 0.2 0.3 0.5 0.6 0.8 1.0 1.5
8 0.2 0.3 0.5 0.8 0.6 0.9 1.0 1.5
P 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 2.0
C 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 2.0
M 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 2.0
S 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 2.0
Connected

Refraction Input Screen



Prism Rx



Occlusion and PD

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT 1 2 3

R:32.0 PD:64.0 ← R:0.0 VA:0.0 L:0.0

Pupillary Distance

right_occlusion

left_occlusion

Activate Windows
Go to Settings to activate Windows

E-Chart Display – 6/60 (0.1) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT



LEFT EYE

E	•	P	1	2	3
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+	
0.2 0.3	0.4 0.6	0.7 1.0			
E 0.16 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0

Activate Windows
Go to Settings to activate Windows

E-Chart Display – 6/37.5 (0.16) Line

i-Optik

RIGHT EYE		S(0.25)		LEFT EYE	
+0.00		C(-0.25)		+0.00	
-0.00		A(5)		-0.00	
180		H(0.1)		180	
BI 0.0		V(0.1)		BO 0.0	
BD 0.0		ADD		BU 0.0	
+0.00				+0.00	

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

LEFT EYE DISPLAY

E	□	P	1	2	3
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+	Connected
0.2 0.3	0.4 0.6	0.7 1.0	0.8 1.0	0.9 1.0	0.9 1.0
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	0.9 1.0
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0

1 2 3

Activate Windows
Go to Settings to activate Windows

Number Chart – 6/60 (0.1) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT
 R:32.0 PD:64.0 L:32.0
 R:0.0 VA:0.0 L:0.0

1
2
3

4
5
8

2
9
3

0.1
0.2

Activate Windows
Go to Settings to activate Windows

Number Chart – 6/30 (0.2) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT
 R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

+ -1 -2

LEFT EYE

E	□	P	1	2	3
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+	
0.2 0.3	0.4 0.6	0.7 1.0			
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0
WMS 0.1 m 0.2					
Eye Exam					
Printer					
Print					
Settings					

Number Chart – 6/20 (0.3) Line

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

E	□	P	1	2	3	4	5
8 _{0.1} 0.2	8 _{0.3} 0.5	8 _{0.6} 0.8	8 _{1.0} 1.5	+			
0.2 0.3	0.4 0.6	0.7 1.0					
E _{0.1} 0.16	E _{0.2} 0.4	E _{0.5} 0.7	E _{0.8} 1.0	E _{1.2} 2.0	50 _{0.5} 0.5		
C _{0.05}	C _{0.1} 0.16	C _{0.2} 0.4	C _{0.5} 0.7	C _{0.8} 1.0	C _{1.2} 2.0		

Buttons:

- FAR
- NC
- CV
- FINAL
- BACK
- NEXT

Metrics:

- R:32.0
- PD:64.0
- L:32.0
- R:0.0
- VA:0.0
- L:0.0

Number Chart:

1	2	3	4	5
5	4	3	6	7
6	8	2	9	4
3	2	8	6	5

Bottom Row:

- Activate Windows
- Go to Settings to activate Windows
- Red/Green bar
- Gray bar
- Brightness icon
- Gear icon

Number Chart – 6/15 (0.4) Line

The interface displays the following data:

RIGHT EYE		LEFT EYE
+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Below the table are buttons: FAR, NC, CV, FINAL, BACK, and NEXT.

Below the buttons are three sets of parameters:

- R:32.0 ← R:0.0 → L:32.0
- PD:64.0
- VA:0.0
- L:0.0

At the bottom are three circular controls:

- Left: A dial with a green '+' sign at the top, and a red '-1-' sign at the bottom.
- Middle: A dial with a blue center.
- Right: A dial with a red '-' sign at the top, and a red '-2-' sign at the bottom.

The screenshot displays the Microsoft HoloLens 2 Settings application interface. At the top, there is a row of blue buttons with white icons: a large letter 'E', a square with a circle, a circle with a 'P', a person icon with a circled '1', a person icon with a circled '2', and a person icon with a circled '3'. Below this is a grid of cards representing different system configurations:

- Row 1: Card with '8' (0.1, 0.2), Card with '8' (0.3, 0.5), Card with '8' (0.6, 0.8), Card with '8' (1.0, 1.5), Card with a cross symbol.
- Row 2: Card with a flower icon (0.2, 0.3), Card with a flower icon (0.4, 0.6), Card with a flower icon (0.7, 1.0), Card with a sunburst icon, Card with a circular pattern icon.
- Row 3: Card with a large 'E' (0.1, 0.16), Card with a large 'E' (0.2, 0.4), Card with a large 'E' (0.5, 0.7), Card with a large 'E' (0.8, 1.0), Card with a large 'E' (1.2, 2.0).
- Row 4: Card with a large 'C' (0.05), Card with a large 'C' (0.1, 0.16), Card with a large 'C' (0.2, 0.4), Card with a large 'C' (0.5, 0.7), Card with a large 'C' (0.8, 1.0), Card with a large 'C' (1.2, 2.0).

Below the grid are five numbered buttons (1, 2, 3, 4, 5) and three numerical buttons (0.3, 0.4, 0.5) each associated with a specific icon:

- Number 1 is next to a scale icon.
- Number 2 is next to a microscope icon.
- Number 3 is next to a printer icon.
- Number 4 is next to a circular arrow icon.
- Number 5 is next to a blue button.
- 0.3 is next to a white button.
- 0.4 is next to a white button.
- 0.5 is next to a white button.

At the bottom left is a red and green square icon. At the bottom right is a gear icon with the text "Activate Windows" and "Go to Settings to activate Windows".

Number Chart – 6/12 (0.5) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Buttons: FAR, NC, CV, FINAL, BACK, NEXT
 Sliders: R:32.0, PD:64.0, L:32.0
 Values: R:0.0, VA:0.0, L:0.0

Number Chart Grid:

E	8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	Connected
0.2 0.3	0.4 0.6	0.7 1.0	0.8 1.0	1.2 2.0	3D 0.1 m w 0.2
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	Eye Exam Chair
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	Printer
1	2	3	4	5	0.3
5	4	3	6	7	0.4
6	8	2	9	4	0.5
3	2	8	6	5	

Activate Windows
Go to Settings to activate Windows

Number Chart – 6/10 (0.6) Line

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

E	•	P	1	2	3	4	5	0.6
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+				
0.2 0.3	0.4 0.6	0.7 1.0						
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0				
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0			

Activate Windows
 Go to Settings to activate Windows

Number Chart – 6/9 (0.7) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00	C(-0.25)	+0.00
-0.00	A(5)	-0.00
180	H(0.1)	180
BI 0.0	V(0.1)	BO 0.0
BD 0.0		BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → PD:64.0 VA:0.0 L:32.0 L:0.0

Number Chart Grid:

E	8 ^{0.1} _{0.2}	8 ^{0.3} _{0.5}	8 ^{0.6} _{0.8}	8 ^{1.0} _{1.5}	+
8 ^{0.2} _{0.3}	8 ^{0.4} _{0.6}	8 ^{0.7} _{1.0}	8 ^{1.0} _{1.3}	8 ^{1.2} _{1.5}	Connected
E ^{0.1} _{0.16}	E ^{0.2} _{0.4}	E ^{0.5} _{0.7}	E ^{0.8} _{1.0}	E ^{1.2} _{2.0}	3D M
C ^{0.05}	C ^{0.1} _{0.16}	C ^{0.2} _{0.4}	C ^{0.5} _{0.7}	C ^{0.8} _{1.0}	C ^{1.2} _{2.0}
1	2	3	4	5	0.6
2	8	5	6	3	0.7
9	3	4	2	7	0.8
5	6	9	8	4	

Activate Windows
Go to Settings to activate Windows

Number Chart – 6/7.5 (0.8) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT
 R:32.0 ← R:0.0 PD:64.0 VA:0.0 L:32.0 → L:0.0

Number Chart – 6/7.5 (0.8) Line

E	8 _{0.1} 0.2	8 _{0.3} 0.5	8 _{0.6} 0.8	8 _{1.0} 1.5	+
8 _{0.2} 0.3	8 _{0.4} 0.6	8 _{0.7} 1.0	8 _{1.0} 1.5	8 _{1.2} 2.0	Connected
E _{0.1} 0.16	E _{0.2} 0.4	E _{0.5} 0.7	E _{0.8} 1.0	E _{1.2} 2.0	8W _{0.1} m _{0.2}
C _{0.05}	C _{0.1} 0.16	C _{0.2} 0.4	C _{0.5} 0.7	C _{0.8} 1.0	C _{1.2} 2.0
1	2	3	4	5	
2	8	5	6	3	0.6
9	3	4	2	7	0.7
5	6	9	8	4	0.8

Activate Windows
Go to Settings to activate Windows

Number Chart – 6/6 (1.0) Line

The figure shows a software interface for optical prescriptions. At the top, there are two vertical labels: "RIGHT EYE" on the left and "LEFT EYE" on the right. Between them is a 6x3 grid of prescription values:

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Below the grid are six buttons: FAR, NC, CV, FINAL, BACK, and NEXT. Underneath these buttons are three sets of controls:

- R:32.0** (left), **PD:64.0** (center), **L:32.0** (right)
- R:0.0** (left), **VA:0.0** (center), **L:0.0** (right)
- Two circular control wheels with a central dial and a green '+' sign above it.
- Two circular control wheels with a central dial and a red '-' sign above it.

Number Chart – 6/5 (1.2) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00	C(-0.25)	+0.00
-0.00	A(5)	-0.00
180	H(0.1)	180
BI 0.0	V(0.1)	BO 0.0
BD 0.0		BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← R:0.0 VA:0.0 L:0.0 →

RIGHT EYE

LEFT EYE

Number Chart – 6/4 (1.5) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Buttons: FAR, NC, CV, FINAL, BACK, NEXT
 Labels: R:32.0, PD:64.0, L:32.0
 Values: R:0.0, VA:0.0, L:0.0

Icons for eyes and users:

- Eyes: E, C, P, BO, BU.
- Users: 1, 2, 3.
- Other icons: flower, sun, gear, etc.

Number chart grid:

1	2	3	4	5
9	4	5	2	7
6	8	3	4	9
5	9	2	8	3

Bottom controls:

- Color bar: Red, Green, Blue.
- Light control: Brightness, Contrast.
- Settings: Gears.

Unfused Cross Cylinder Chart – Cross Cylinder Display

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

RIGHT EYE

LEFT EYE

Activate Windows
Go to Settings to activate Windows

Picture Chart – 6/30 (0.2) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → PD:64.0 VA:0.0 L:32.0 L:0.0

Picture Chart – 6/20 (0.3) Line

The screenshot shows the i-Optik software interface. On the left, there are two large vertical labels: "RIGHT EYE" and "LEFT EYE". Between them is a grid of 12 boxes containing eye parameters:

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Below this grid are six buttons: FAR, NC, CV, FINAL, BACK, and NEXT.

Below the buttons are three sets of sliders with labels: R:32.0, PD:64.0, L:32.0; R:0.0, VA:0.0, L:0.0.

On the far left is a white circular button, and on the far right is a dark blue circular button.

At the bottom center is a large circular dial with a green plus sign on top and a red minus sign at the bottom. The dial has a scale from -1 to -2.

To the right of the main interface is a toolbar with various icons for file operations, user management, and connectivity.

At the bottom right are three numbered buttons (1, 2, 3) and a series of icons representing different visual acuity charts (E, F, P) and other symbols like a flower, fish, dog, and a camera.

Picture Chart – 6/15 (0.4) Line

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

LEFT EYE

E	○	P	1	2	3	4	5
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5				
2 0.2 0.3	4 0.4 0.6	7 0.7 1.0					
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0			
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0		
Connected							
Eye Exam							
Printer							
Scanner							
Settings							

0.4
0.5
0.6

Picture Chart – 6/12 (0.5) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

○ ●

+

-1

-2

E □ P 1 2 3 4 5

8 0.1 8 0.3 8 0.6 8 1.0 +

8 0.2 8 0.5 8 0.8 8 1.5

0.2 0.3 0.4 0.6 0.7 1.0

0.1 0.16 0.2 0.4 0.5 0.7 0.8 1.0 1.2 2.0

0.05 0.1 0.16 0.2 0.4 0.5 0.7 0.8 1.0 1.2 2.0

1 2 3 4 5

0.4

0.5

0.6

Connected

Eye Exam Chair

Printer

Reboot

Gear

Picture Chart – 6/10 (0.6) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Buttons: FAR, NC, CV, FINAL, BACK, NEXT
 Sliders: R:32.0, PD:64.0, L:32.0
 Values: R:0.0, VA:0.0, L:0.0

LEFT EYE

E	□	P	1	2	3	4	5
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+			
0.2 0.3	0.4 0.6	0.7 1.0	0.8 1.5				
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0			
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0		

Values: 0.4, 0.5, 0.6
 Icons: Eye chart, flower, dog, duck, fish, flower, eye chart, flower, dog, duck, fish, flower, dog, flower, fish, flower, duck, flower, eye chart, flower, dog, flower, sun, gear

Picture Chart – 6/9 (0.7) Line

The screenshot shows the i-Optik software interface for lens design. The left side is labeled "RIGHT EYE" and the right side is labeled "LEFT EYE". The interface displays various lens parameters arranged in a grid:

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Below the grid are several buttons: FAR, NC, CV, FINAL, BACK, and NEXT. Above the buttons are three sets of parameters with arrows indicating they can be adjusted between them:

- R:32.0 ← R:0.0 → L:32.0
- PD:64.0
- VA:0.0
- L:0.0

At the bottom, there are two circular controls with arrows pointing left and right, and two smaller circular icons on the sides.

The image shows a user interface for a mobile application. At the top, there is a horizontal bar with several icons: a large white letter 'E' in a blue box, a square with a circle inside, a circle with a 'P', a person icon with a circled '1', a person icon with a circled '2', and a person icon with a circled '3'. Below this is a grid of 20 smaller boxes arranged in four rows of five. The first row contains icons for '8' with values 0.1 and 0.2, '8' with values 0.3 and 0.5, '8' with values 0.6 and 0.8, '8' with values 1.0 and 1.5, and a crosshair icon. The second row contains icons for a downward arrow with values 0.2 and 0.3, a downward arrow with values 0.4 and 0.6, a downward arrow with values 0.7 and 1.0, a sunburst icon, a sunburst icon, and a circular icon with a dot. The third row contains icons for 'E' with values 0.1 and 0.16, 'E' with values 0.2 and 0.4, 'E' with values 0.5 and 0.7, 'E' with values 0.8 and 1.0, and 'E' with values 1.2 and 2.0. The fourth row contains icons for 'C' with values 0.05 and 0.16, 'C' with values 0.1 and 0.16, 'C' with values 0.2 and 0.4, 'C' with values 0.5 and 0.7, and 'C' with values 0.8 and 1.0. To the right of the grid, there are three large blue buttons labeled '1', '2', and '3'. Below the grid, there are three rows of five icons each. The first row contains black silhouettes of a dog, a fish, a duck, a tulip, and a duck. The second row contains gray silhouettes of a tulip, a duck, a dog, a fish, and a tulip. The third row contains black silhouettes of a fish, a dog, a tulip, a duck, and a dog. To the right of these rows are three blue buttons labeled '0.7', '0.8', and '1.0'. At the very bottom, there are four small icons: a red and green flag, a gray and white striped rectangle, a sunburst icon, and a blue and white crosshair icon.

Picture Chart – 6/7.5 (0.8) Line

RIGHT EYE

LEFT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0

R:0.0 VA:0.0 L:0.0

RIGHT EYE

LEFT EYE

The screenshot shows a user interface for a game or application. At the top, there is a horizontal bar with several icons: a large white letter 'E' in a blue box, a square with a dot and a circle, a circle with a 'P', a person icon with a '1', a person icon with a '2', a person icon with a '3', and a person icon in a blue box. Below this is a grid of 25 smaller boxes arranged in five rows and five columns. The first four rows each contain five boxes, and the fifth row contains four boxes. Each box contains an icon and some text. Row 1: Box 1 contains a pink '8' with '0.1' above it and '0.2' below it. Box 2 contains a pink '8' with '0.3' above it and '0.5' below it. Box 3 contains a pink '8' with '0.6' above it and '0.8' below it. Box 4 contains a pink '8' with '1.0' above it and '1.5' below it. Box 5 contains a black square with a white cross. Row 2: Box 1 contains a green flower icon with '0.2' above it and '0.3' below it. Box 2 contains a green flower icon with '0.4' above it and '0.6' below it. Box 3 contains a green flower icon with '0.7' above it and '1.0' below it. Box 4 contains a circular sun-like icon. Box 5 contains a circular sun-like icon. Row 3: Box 1 contains a purple 'E' with '0.1' above it and '0.16' below it. Box 2 contains a purple 'E' with '0.2' above it and '0.4' below it. Box 3 contains a purple 'E' with '0.5' above it and '0.7' below it. Box 4 contains a purple 'E' with '0.8' above it and '1.0' below it. Box 5 contains a red and green square icon with '0.05' in each corner. Row 4: Box 1 contains a yellow 'C' with '0.05' above it and '0.05' below it. Box 2 contains a yellow 'C' with '0.1' above it and '0.16' below it. Box 3 contains a yellow 'C' with '0.2' above it and '0.4' below it. Box 4 contains a yellow 'C' with '0.5' above it and '0.7' below it. Box 5 contains a yellow 'C' with '0.8' above it and '1.0' below it. Row 5: Box 1 contains a blue 'C' with '1.2' above it and '2.0' below it. Box 2 is empty. Box 3 is empty. Box 4 is empty. Box 5 is empty. Below the grid, there are five numbered buttons: '1', '2', '3', '4', and '5'. To the right of the grid, there are three more columns of icons. The first column has three icons: a dog, a fish, and a flower. The second column has three icons: a duck, a dog, and a fish. The third column has three icons: a flower, a duck, and a dog. To the right of these three columns is a vertical stack of three blue boxes with dashed outlines. The top box contains '0.7', the middle box contains '0.8', and the bottom box contains '1.0'. To the right of these three boxes is another column of three icons: a printer, a camera, and a circular arrow. At the very bottom, there is a row of five icons: a red and green flag, a grey rectangle, a sun-like icon, a blue circle with a cross, and a gear icon.

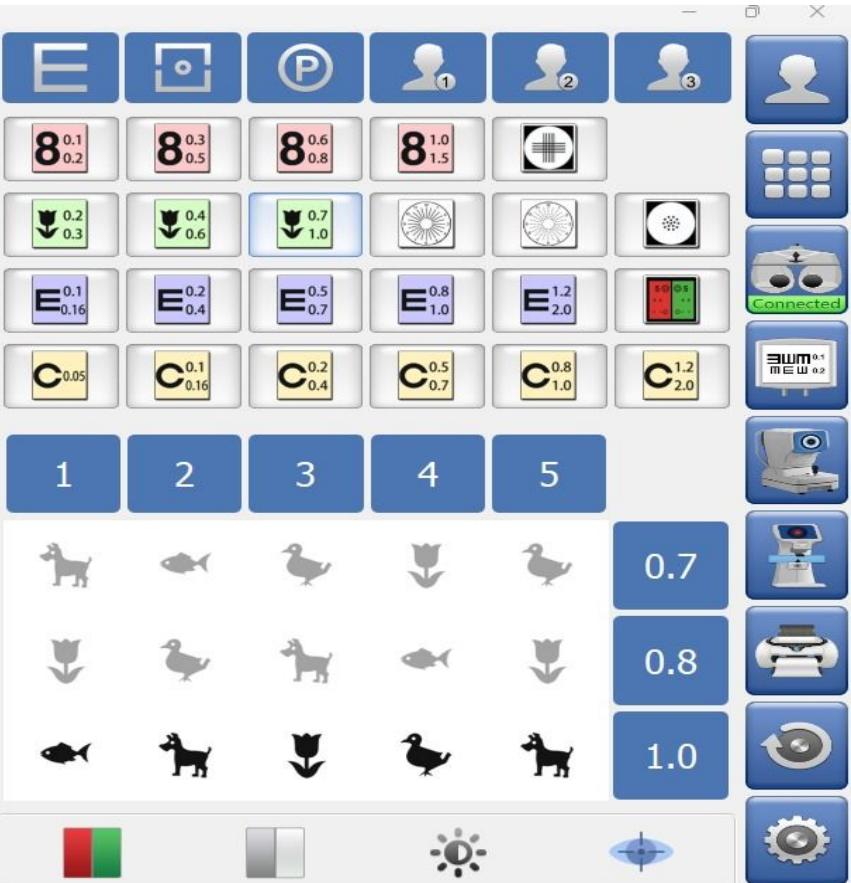
Picture Chart – 6/6 (1.0) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → L:32.0
 PD:64.0 VA:0.0 L:0.0



Astigmatic Fan Chart 1 – Cylinder Axis Display

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

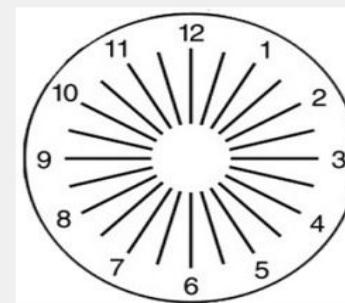
R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0




LENS OPTIMIZATION

E	□	P	1	2	3
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5		
0.2 0.3	0.4 0.6	0.7 1.0			
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	Connected
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0
WM 0.1 M 0.2					

TEST CHARTS



Color calibration icons: Red/Blue, Gray, Sunburst, Crosshair, Gear.

Astigmatic Fan Chart 2 – Cylinder Axis Display

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 R:0.0 L:32.0
VA:0.0 L:0.0

The fan chart displays 12 radial lines representing cylinder axes. The numbers 1 through 12 are placed at the intersections of the outermost dashed concentric circles with the radial lines. The chart is centered with a small red dot.

Legend:

- Red square: +
- Green square: -
- Grey square: 0

Icons:

- Eyes: 1, 2, 3
- Checklist
- Calculator
- Connected
- Chair
- Printer
- Scissors
- Gears

JCC Chart – Jackson Cross Cylinder Display

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

FAR

NC

CV

FINAL

BACK

NEXT

R:32.0

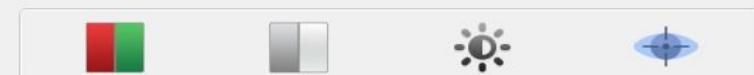
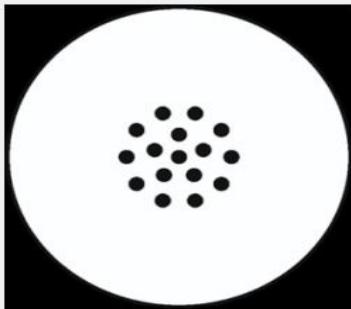
PD:64.0

L:32.0

R:0.0

VA:0.0

L:0.0



E-Chart Display – 6/30 (0.2) Line

The screenshot shows the i-Optik software interface. On the left, there are two vertical columns of text labels for the right and left eyes, respectively. The right eye column includes: +0.00, S(0.25), +0.00; -0.00, C(-0.25), -0.00; 180, A(5), 180; BI 0.0, H(0.1), BO 0.0; BD 0.0, V(0.1), BU 0.0; and +0.00, ADD, +0.00. The left eye column includes: E, square, P, user icons 1, 2, 3; numbers 8.0.1, 8.0.3, 8.0.6, 8.1.0, 8.0.2, 8.0.5, 8.0.8, 8.1.5; green symbols, yellow symbols, blue symbols, purple symbols, red symbols; and numbers 0.2, 0.4, 0.7, 1.0, 0.16, 0.4, 0.7, 1.0, 1.2, 2.0, 0.05, 0.1, 0.2, 0.5, 0.7, 0.8, 1.0, 1.2, 2.0. Below these are buttons for FAR, NC, CV, FINAL, BACK, and NEXT. In the center, there are three circular controls: a large white circle on the left, a smaller blue circle on the right, and two smaller grey circles at the bottom. Between them are buttons for R:32.0, PD:64.0, L:32.0, R:0.0, VA:0.0, and L:0.0, with arrows indicating movement between them. At the bottom are four colored squares (red, green, grey, blue) and a crosshair icon.

E-Chart Display – 6/20 (0.3) Line

The screenshot shows the i-Optik software interface for eye examination. The left side displays parameters for the Right Eye (RIGHTEYE) and Left Eye (LEFTEYE). The Right Eye parameters include: +0.00, S(0.25), +0.00; -0.00, C(-0.25), -0.00; 180, A(5), 180; BI 0.0, H(0.1), BO 0.0; BD 0.0, V(0.1), BU 0.0; and +0.00, ADD, +0.00. The Left Eye parameters are identical. Below these are buttons for FAR, NC, CV, FINAL, BACK, and NEXT. A central control section shows values R:32.0, PD:64.0, L:32.0, with R:0.0, VA:0.0, and L:0.0 below them. On either side are circular controls with '+' and '-' symbols. The right side of the interface features a grid of icons for various functions like E charts, user profiles, and connectivity status. Below the grid are numbered buttons (1-5), additional E chart icons, and numerical buttons (0.2, 0.3, 0.4). At the bottom are icons for color calibration, grayscale calibration, brightness, contrast, and settings.

E-Chart Display – 6/15 (0.4) Line

i-Optik

RIGHT EYE		S(0.25)		LEFT EYE	
+0.00			S(0.25)		+0.00
-0.00			C(-0.25)		-0.00
180			A(5)		180
BI 0.0			H(0.1)		BO 0.0
BD 0.0			V(0.1)		BU 0.0
+0.00			ADD		+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → PD:64.0 L:32.0 VA:0.0 L:0.0

LEARNED CHARTS

E	8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+
8 0.2 0.3	8 0.5 0.6	8 0.8 1.0	8 1.5 2.0	+	Connected
0.2 0.3	0.4 0.6	0.7 1.0	0.8 1.0	0.9 2.0	3W M E W 0.2
0.1 0.16	0.2 0.4	0.5 0.7	0.8 1.0	1.2 2.0	3W M E W 0.2
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0

CHART SELECTION

1	2	3	4	5	0.2
E	m	☰	₩	E	0.2
☰	E	m	₩	m	0.3
E	☰	₩	m	E	0.4

DISPLAY CONTROLS

E-Chart Display – 6/12 (0.5) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

+

1 2 3 4 5

E-Chart Display – 6/10 (0.6) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 0.1 (Red)
- E: 0.2 (Green)
- E: 0.3 (Yellow)
- E: 0.4 (Blue)
- E: 0.5 (Purple)
- E: 0.6 (Orange)
- E: 0.7 (Grey)
- E: 0.8 (Dark Blue)
- E: 1.0 (Light Blue)
- E: 1.2 (Dark Green)
- C: 0.1 (Red)
- C: 0.2 (Green)
- C: 0.3 (Yellow)
- C: 0.4 (Blue)
- C: 0.5 (Purple)
- C: 0.6 (Orange)
- C: 0.7 (Grey)
- C: 0.8 (Dark Blue)
- C: 1.0 (Light Blue)
- C: 1.2 (Dark Green)

Buttons:

- 1 2 3 4 5
- 0.5 0.6 0.7
- Print (Printer icon)
- Exit (X icon)
- Help (Question mark icon)
- Settings (Gear icon)

E-Chart Display – 6/9 (0.7) Line

The screenshot shows the i-Optik software interface for managing eye parameters and visual acuity testing.

RIGHT EYE parameters:

- +0.00
- S(0.25)
- +0.00
- 0.00
- C(-0.25)
- 0.00
- 180
- A(5)
- 180
- BI 0.0
- H(0.1)
- BO 0.0
- BD 0.0
- V(0.1)
- BU 0.0
- +0.00
- ADD
- +0.00

LEFT EYE parameters:

- FAR
- NC
- CV
- FINAL
- BACK
- NEXT

Visual acuity parameters:

- R:32.0 ← R:0.0 → L:32.0
- PD:64.0
- VA:0.0
- L:0.0

Visual Acuity Chart:

- Row 1: E, □, P, 1, 2, 3
- Row 2: 8^{0.1}_{0.2}, 8^{0.3}_{0.5}, 8^{0.6}_{0.8}, 8^{1.0}_{1.5}, +, +
- Row 3: 8^{0.2}_{0.3}, 8^{0.4}_{0.6}, 8^{0.7}_{1.0}, sunburst, sunburst, sunburst
- Row 4: E^{0.1}_{0.16}, E^{0.2}_{0.4}, E^{0.5}_{0.7}, E^{0.8}_{1.0}, E^{1.2}_{2.0}, Connected
- Row 5: C^{0.05}, C^{0.1}_{0.16}, C^{0.2}_{0.4}, C^{0.5}_{0.7}, C^{0.8}_{1.0}, C^{1.2}_{2.0}
- Row 6: 1, 2, 3, 4, 5
- Row 7: E, E, Ш, M, Ш
- Row 8: Ш, Ш, M, E, Ш
- Row 9: M, Ш, E, Ш, M

Bottom icons: red/green bar, grey bar, sun icon, crosshair icon, gear icon.

E-Chart Display – 6/7.5 (0.8) Line

i-Optik

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

E	□	P	1	2	3	4	5
8 0.1 0.2	8 0.3 0.5	8 0.6 0.8	8 1.0 1.5	+			
0.2 0.3	0.4 0.6	0.7 1.0					
E 0.1 0.16	E 0.2 0.4	E 0.5 0.7	E 0.8 1.0	E 1.2 2.0	Connected		
C 0.05	C 0.1 0.16	C 0.2 0.4	C 0.5 0.7	C 0.8 1.0	C 1.2 2.0		

Buttons and Controls:

- FAR, NC, CV, FINAL, BACK, NEXT
- R:32.0, PD:64.0, L:32.0
- ← R:0.0 →
- VA:0.0, L:0.0
- Focus rings with +, -, 1, 2, -
- Color calibration bar (Red, Green, Blue)
- Brightness control
- Resolution selection (3W, 5E, 7W, 9E, 12W, 20E)
- Printer icon
- Settings gear icon

E-Chart Display – 6/6.7 (0.9) Line

i-Optik

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

E	□	P	1	2	3	4	5
8 _{0.1} 0.2	8 _{0.3} 0.5	8 _{0.6} 0.8	8 _{1.0} 1.5				
0.2 0.3	0.4 0.6	0.7 1.0					
E _{0.1} 0.16	E _{0.2} 0.4	E _{0.5} 0.7	E _{0.8} 1.0	E _{1.2} 2.0			
C _{0.05}	C _{0.1} 0.16	C _{0.2} 0.4	C _{0.5} 0.7	C _{0.8} 1.0	C _{1.2} 2.0		
Connected							
3W 0.1	mE 0.2						
Eye Exam							

Buttons and Controls:

- FAR, NC, CV, FINAL, BACK, NEXT
- R:32.0, PD:64.0, L:32.0
- R:0.0, VA:0.0, L:0.0
- Focus rings with + and - buttons (labeled 1 and 2).
- Color calibration bar (Red, Green, Blue).
- Brightness control.
- Eye icon.
- Gear icon.

E-Chart Display – 6/6 (1.0) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend: + (green), - (red), -1 (red), -2 (red)

Icons: E, square, P, profile icons (1, 2, 3), grid, camera, eye chart grid, eye chart symbols (8, C, E, H, A, BI, BD, V, BO, BU), numbers (1-5), eye chart rows (E, M, E, Ш, E; M, Ш, E, M; Ш, E, M, Ш, E), 0.8, 0.9, 1.0, printer, circular arrow, gear.

E-Chart Display – 6/5 (1.2) Line

i-Optik

RIGHT EYE		LEFT EYE	
+0.00	S(0.25)	+0.00	
-0.00	C(-0.25)	-0.00	
180	A(5)	180	
BI 0.0	H(0.1)	BO 0.0	
BD 0.0	V(0.1)	BU 0.0	
+0.00	ADD	+0.00	

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E (Blue): 8.0.2, 8.0.3, 8.0.5, 8.0.6, 8.0.8, 8.1.0, 8.1.5
- E (Yellow): 0.1, 0.2, 0.5, 0.8, 1.2, 1.5
- C (Green): 0.2, 0.4, 0.7, 1.0
- C (Yellow): 0.05, 0.1, 0.2, 0.5, 0.8, 1.2, 1.5
- Other icons: square with dot, circle with dot, person icons, grid, camera, monitor, printer, circular arrow, gear.

Number buttons: 1, 2, 3, 4, 5

Text buttons: 1.2, 1.5, 2.0

Color buttons: Red, Green, White

Lighting: Sun icon

Control buttons: Left arrow, Right arrow, Top arrow, Bottom arrow

E-Chart Display – 6/4 (1.5) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

E-Chart Display

Legend: **E** **8** **2** **0.1** **0.2** **0.3** **0.4** **0.5** **0.6** **0.7** **0.8** **1.0** **1.2** **1.5** **2.0**

Icons: **Connected**, **Print**, **Settings**

E-Chart Display – 6/3 (2.0) Line

The screenshot displays the i-Optik software interface for eye examination. On the left, the 'RIGHT EYE' and 'LEFT EYE' sections show visual acuity results. The right side features a grid of optotype charts and various control buttons.

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

FAR	NC	CV	FINAL	BACK	NEXT
-----	----	----	-------	------	------

Below the tables are lens parameter controls:

- R:32.0 ← R:0.0 → L:32.0
- PD:64.0
- VA:0.0
- L:0.0

On the far left is a white circular button, and on the far right is a dark blue circular button.

Optotype Grid (Top Row):

- E
-
- P
- 1
- 2
- 3

Optotype Grid (Second Row):

- 8 0.1
0.2
- 8 0.3
0.5
- 8 0.6
0.8
- 8 1.0
1.5
- +

Optotype Grid (Third Row):

- 0.2
0.3
- 0.4
0.6
- 0.7
1.0
- 0.7
1.0
- 0.7
1.0

Optotype Grid (Fourth Row):

- E 0.1
0.16
- E 0.2
0.4
- E 0.5
0.7
- E 0.8
1.0
- E 1.2
2.0

Optotype Grid (Fifth Row):

- C 0.05
- C 0.1
0.16
- C 0.2
0.4
- C 0.5
0.7
- C 0.8
1.0
- C 1.2
2.0

Optotype Grid (Bottom Row):

- 1
- 2
- 3
- 4
- 5
- 1.2
- 1.5
- 2.0

Bottom Control Buttons:

- Color calibration (red/green)
- Contrast (white/black)
- Brightness (sun icon)
- Zoom (magnifying glass)
- Settings (gear icon)

Duochrome Chart – Red/Green Balance Display

I-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → PD:64.0 VA:0.0 L:32.0 L:0.0

Legend: Red circle = Right Eye; Green circle = Left Eye

Icons: E, square, P, user 1, user 2, user 3, camera, grid, crosshair, sun, printer, gear, 3D viewer, EWM 0.1 M E W 0.2

C-Chart Display – 6/3 (0.05) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

0.05

The interface displays a C-Chart for visual acuity testing. The chart consists of a 6x3 grid of text labels. The labels for the right eye (top row) are '+0.00', 'S(0.25)', and '+0.00'. The labels for the left eye (bottom row) are '+0.00', 'ADD', and '+0.00'. Between the two eyes are labels for intermediate rows: '-0.00', 'C(-0.25)', 'A(5)', 'H(0.1)', 'V(0.1)', and 'BO 0.0'. Below the grid are buttons labeled FAR, NC, CV, FINAL, BACK, and NEXT. At the bottom center is a large circular icon with a smaller circle inside. To the left and right of this central icon are two smaller circular icons, one white and one dark blue. Below the central icon are two sets of directional arrows: a green '+' sign pointing up-left and a red '-' sign pointing down-right. Above the central icon are three blue rectangular boxes containing the text 'R:32.0', 'PD:64.0', and 'L:32.0' with arrows pointing towards the central icon. Below these boxes are three blue rectangular boxes containing 'R:0.0', 'VA:0.0', and 'L:0.0'. To the right of the main display area is a vertical column of icons representing different visual acuity levels (labeled 0.1 to 1.5), various symbols (E, square, plus, etc.), and other medical equipment like a slit lamp and a tonometer.

C-Chart Display – 6/60 (0.1) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE: A white circle with a blue outline. LEFT EYE: A solid blue circle.

Icon Grid:

- Row 1: E, square with dot, P, person 1, person 2, person 3
- Row 2: 8 0.1, 8 0.3, 8 0.6, 8 1.0, cross symbol
- Row 3: flower 0.2, flower 0.4, flower 0.7, sunburst, sunburst
- Row 4: E 0.1, E 0.2, E 0.5, E 0.8, E 1.2
- Row 5: C 0.05, C 0.1, C 0.2, C 0.5, C 0.8
- Row 6: C 0.16, C 0.4, C 0.7, C 1.0, C 2.0

Number Buttons:

- 1, 2, 3
- 0.1
- 0.16

Other Icons:

- Red/Green bar
- Gray square
- Sun icon
- Target icon
- Gear icon

Connected

Sum 1, Sum 2

C-Chart Display – 6/37.5 (0.16) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 8.0.2
- E: 8.0.3
- E: 8.0.5
- E: 8.0.6
- E: 8.0.8
- E: 8.1.5
- E: 0.2
- E: 0.4
- E: 0.5
- E: 0.7
- E: 0.8
- E: 1.0
- E: 1.2
- E: 2.0
- C: 0.05
- C: 0.1
- C: 0.16
- C: 0.2
- C: 0.4
- C: 0.5
- C: 0.7
- C: 0.8
- C: 1.0
- C: 1.2
- C: 2.0

1 2 3

0.1 0.16

Buttons: Red/Green, Gray, Sun, Crosshair, Gear.

C-Chart Display – 6/30 (0.2) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → L:32.0
PD:64.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 8_{0.1}_{0.2}, 8_{0.3}_{0.5}, 8_{0.6}_{0.8}, 8_{1.0}_{1.5}, +
- 8_{0.2}_{0.3}, 8_{0.4}_{0.6}, 8_{0.7}_{1.0}, +
- E_{0.1}_{0.16}, E_{0.2}_{0.4}, E_{0.5}_{0.7}, E_{0.8}_{1.0}, E_{1.2}_{2.0}, +
- C_{0.05}, C_{0.1}_{0.16}, C_{0.2}_{0.4}, C_{0.5}_{0.7}, C_{0.8}_{1.0}, C_{1.2}_{2.0}, +
- 1, 2, 3, 4, 5
- C, C, C, C, C
- 0.2, 0.3, 0.4

Buttons at bottom:

- Red/Green square
- Gray square
- Bulb icon
- Blue gear icon

C-Chart Display – 6/20 (0.3) Line

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

LEFT EYE

FAR | NC | CV | FINAL | BACK | NEXT

R:32.0

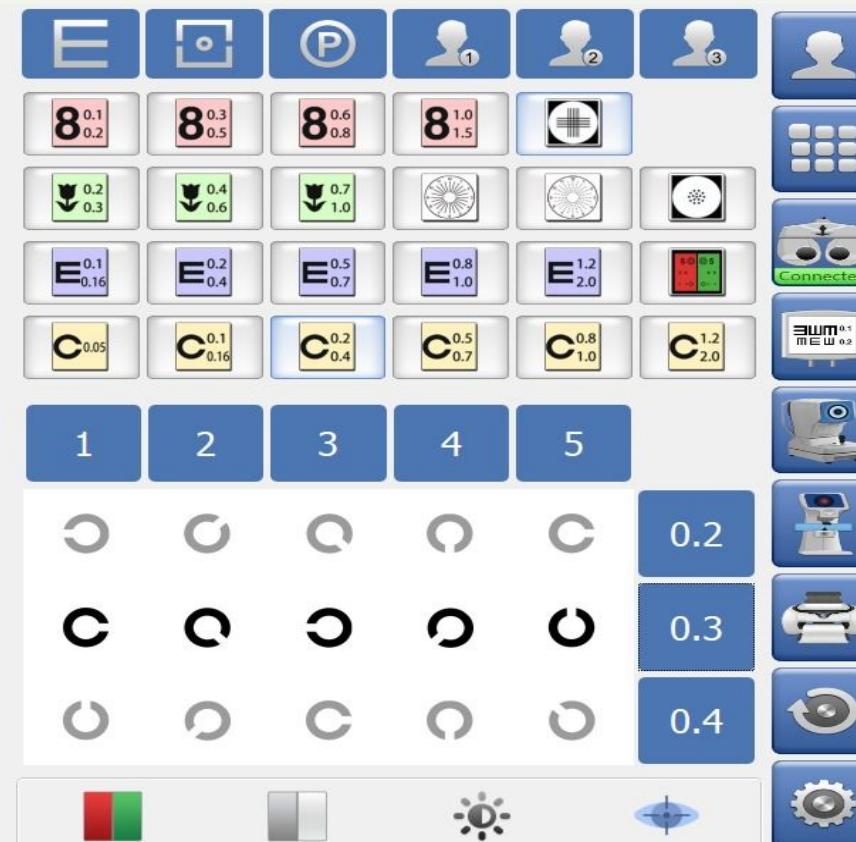
PD:64.0

L:32.0

R:0.0

VA:0.0

L:0.0



C-Chart Display – 6/15 (0.4) Line

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR

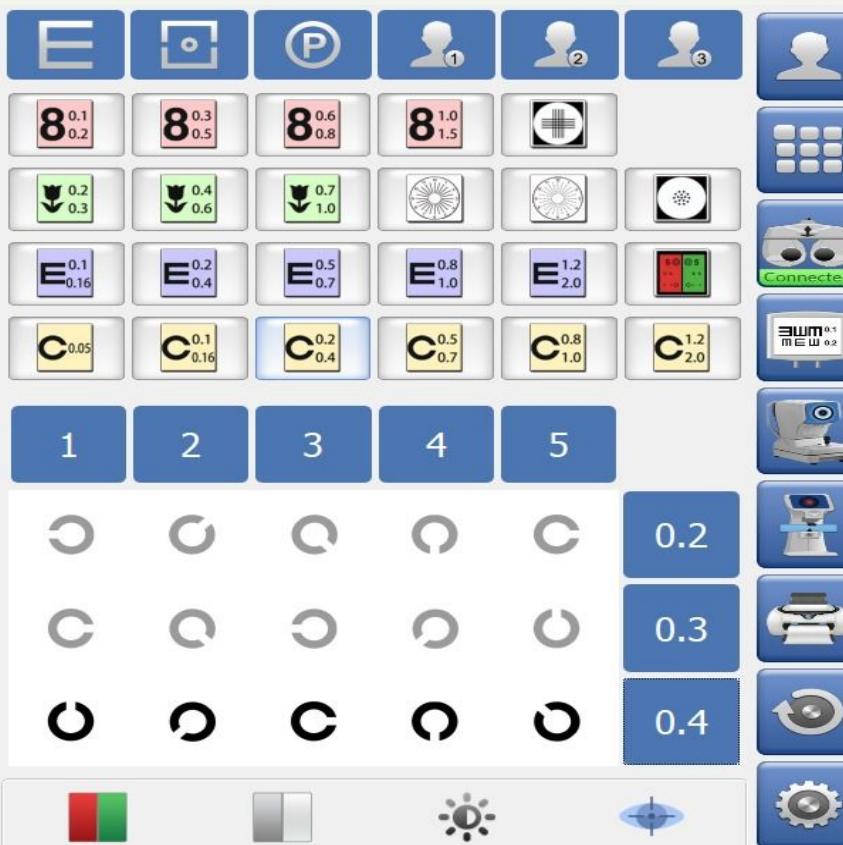
R:32.0
←
R:0.0

VA:0.0

L:32.0



LEFT EYE



C-Chart Display – 6/12 (0.5) Line

i-Optik

RIGHT EYE		C-CHART		LEFT EYE	
+0.00	S(0.25)	+0.00		E	
-0.00	C(-0.25)	-0.00		8 0.1 0.2	8 0.3 0.5
180	A(5)	180		8 0.6 0.8	8 1.0 1.5
BI 0.0	H(0.1)	BO 0.0		0.2 0.3	0.4 0.6
BD 0.0	V(0.1)	BU 0.0		0.7 1.0	0.7 1.0
+0.00	ADD	+0.00		Connected	

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE CONTROL:

- Left button: + (green)
- Right button: - (red)
- Bottom buttons: -1, -2

LEFT EYE CONTROL:

- Left button: C
- Right button: C
- Bottom buttons: 0.5, 0.6, 0.7

Other controls and icons include:

- User icons: 1, 2, 3, 4, 5, 0.5, 0.6, 0.7.
- Tool icons: 8 values (0.1 to 1.5), A(5), H(0.1), V(0.1), ADD, BI 0.0, BD 0.0, BO 0.0, BU 0.0, 0.2 to 1.0, 0.7 to 1.0, 0.05 to 2.0, 0.1 to 0.4, 0.5 to 1.2, 0.05 to 0.7, 0.5 to 1.0, 0.8 to 2.0.
- System status: Connected, EWM 0.1 MESH 0.2.
- Bottom icons: Red/Green bar, Sliding bar, Sun icon, Crosshair icon, Gear icon.

C-Chart Display – 6/10 (0.6) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 ← R:0.0 → L:32.0
PD:64.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E 0.1 0.2
- 8 0.3 0.5
- 8 0.6 0.8
- 8 1.0 1.5
- +
- 0.2 0.3
- 0.4 0.6
- 0.7 1.0
- 0.1 0.16
- 0.2 0.4
- 0.5 0.7
- 0.8 1.0
- 1.2 2.0
- C 0.05
- C 0.1 0.16
- C 0.2 0.4
- C 0.5 0.7
- C 0.8 1.0
- C 1.2 2.0
- 1 2 3 4 5
- 0.5 0.6 0.7
- Connected
- 3D Model
- Print
- Save
- Settings

C-Chart Display – 6/9 (0.7) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

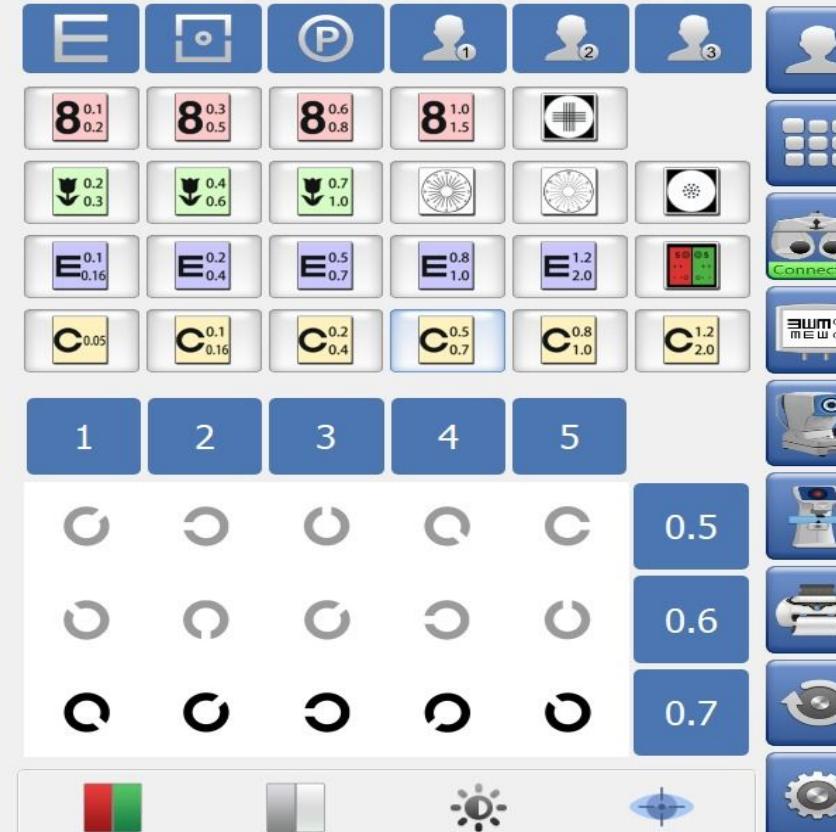
RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

This panel contains a grid of buttons for eye examination, labeled by eye (RIGHT EYE, LEFT EYE), function (e.g., S(0.25), ADD), and value (e.g., +0.00). Below the grid are buttons for navigation (FAR, NC, CV, FINAL, BACK, NEXT) and lens parameters (R:32.0, PD:64.0, L:32.0, R:0.0, VA:0.0, L:0.0). At the bottom are two circular control wheels with '+' and '-' buttons.



C-Chart Display – 6/7.5 (0.8) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 8.0.1, 8.0.3, 8.0.6, 8.1.0, 8.1.5
- O: 0.2, 0.4, 0.7, 1.0
- P: 0.1, 0.2, 0.5, 0.8, 1.2
- 1: 0.16, 0.4, 0.7, 1.0, 2.0
- 2: 0.05, 0.1, 0.2, 0.5, 0.8
- 3: 0.16, 0.4, 0.7, 1.0, 2.0
- 4: 0.05, 0.1, 0.2, 0.5, 0.8
- 5: 0.16, 0.4, 0.7, 1.0, 2.0
- Other icons: Sun, Camera, Printer, Gear, etc.

Buttons at bottom:

- Red/Green square
- Gray square
- Sun icon
- Blue gear icon

C-Chart Display – 6/6.7 (0.9) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 8.0.1, 8.0.3, 8.0.6, 8.1.0, +
- Flower: 0.2, 0.4, 0.7, 1.0
- Symbol: 0.1, 0.2, 0.5, 0.8, 1.2
- C: 0.05, 0.1, 0.2, 0.5, 0.8, 1.2
- Number: 1, 2, 3, 4, 5
- Circle: 0.8, 0.9, 1.0
- Icons: Connected, Eye Exam, Eye Chart, Eye Chart Reader

C-Chart Display – 6/6 (1.0) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

1 2 3 4 5

E 0.1	E 0.3	E 0.6	E 1.0	E 1.5
8 0.2	8 0.5	8 0.8	8 1.0	+
0.2	0.4	0.7	1.0	
0.3	0.6	1.0		
E 0.16	E 0.4	E 0.5	E 0.8	E 1.2
0.16	0.4	0.7	1.0	2.0
C 0.05	C 0.1	C 0.2	C 0.5	C 0.8
0.05	0.16	0.4	0.7	1.0
C 1.2	C 2.0			
0.8	0.9	1.0		

C-Chart Display – 6/5 (1.2) Line

RIGHT EYE

卷三

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR

R:32.0
←
R:0.0



The image shows a grid-based user interface, likely from a mobile application. The top row contains six blue rectangular boxes, each with a white icon and a small number: 'E' (blue), a square with a dot (blue), a circle with a 'P' (blue), a person icon with '1' (blue), a person icon with '2' (blue), and a person icon with '3' (blue). To the right of this row is a vertical column of three blue rectangular boxes, the first two containing a 4x4 grid of small squares and the third containing a camera icon with 'Connected' text.

The second row consists of six square boxes with rounded corners, each containing a large black or white icon and a smaller box with numerical values:

- Icon: 8 (black), Values: 0.1 (top), 0.2 (bottom)
- Icon: 8 (white), Values: 0.3 (top), 0.5 (bottom)
- Icon: 8 (black), Values: 0.6 (top), 0.8 (bottom)
- Icon: 8 (white), Values: 1.0 (top), 1.5 (bottom)
- Icon: a square with a cross (black)

The third row contains six square boxes with rounded corners, each containing a large black or white icon and a smaller box with numerical values:

- Icon: a flower (green), Values: 0.2 (top), 0.3 (bottom)
- Icon: a flower (green), Values: 0.4 (top), 0.6 (bottom)
- Icon: a flower (green), Values: 0.7 (top), 1.0 (bottom)
- Icon: a sun-like symbol (yellow)
- Icon: a sun-like symbol (yellow)
- Icon: a circle with dots (black)

The fourth row contains six square boxes with rounded corners, each containing a large black or white icon and a smaller box with numerical values:

- Icon: E (purple), Values: 0.1 (top), 0.16 (bottom)
- Icon: E (purple), Values: 0.2 (top), 0.4 (bottom)
- Icon: E (purple), Values: 0.5 (top), 0.7 (bottom)
- Icon: E (purple), Values: 0.8 (top), 1.0 (bottom)
- Icon: E (purple), Values: 1.2 (top), 2.0 (bottom)
- Icon: a small screen with a graph (black)

The fifth row contains six square boxes with rounded corners, each containing a large black or white icon and a smaller box with numerical values:

- Icon: C (yellow), Values: 0.05 (top)
- Icon: C (yellow), Values: 0.1 (top), 0.16 (bottom)
- Icon: C (yellow), Values: 0.2 (top), 0.4 (bottom)
- Icon: C (yellow), Values: 0.5 (top), 0.7 (bottom)
- Icon: C (yellow), Values: 0.8 (top), 1.0 (bottom)
- Icon: C (yellow), Values: 1.2 (top), 2.0 (bottom)

Below these rows is a horizontal row of five blue rectangular boxes labeled 1, 2, 3, 4, and 5 from left to right.

Below the horizontal row are three rows of five circular icons each, arranged in a grid:

- Row 1: Black outline 'C', Black outline 'C', Black outline 'C', Black outline 'C', Black outline 'C'
- Row 2: Grey outline 'C', Grey outline 'C', Grey outline 'C', Grey outline 'C', Grey outline 'C'
- Row 3: Grey outline 'C', Grey outline 'C', Grey outline 'C', Grey outline 'C', Grey outline 'C'

To the right of these icons are three blue rectangular boxes labeled 1.2, 1.5, and 2.0 from top to bottom.

At the very bottom of the screen are four small, partially visible icons: a red and green striped rectangle, a grey and white striped rectangle, a sun-like symbol, and a blue gear.

C-Chart Display – 6/4 (1.5) Line

i-Optik

RIGHT EYE	S(0.25)	LEFT EYE
+0.00		+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
R:0.0 VA:0.0 L:0.0

RIGHT EYE LEFT EYE

Legend:

- E: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.5
- C: 0.05, 0.1, 0.2, 0.4, 0.5, 0.7, 0.8, 1.0, 1.2, 2.0
- Other icons: square with dot, circle with dot, person icons, calculator, camera, monitor, printer, eye icon, gear.

Number buttons: 1, 2, 3, 4, 5

Control buttons: +, -, 1, 2, 3, 4, 5, 1.2, 1.5, 2.0

Color buttons: Red, Green, White, Yellow, Blue

Icons: Sun, Crosshair, Gear

C-Chart Display – 6/3 (2.0) Line

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0

R:0.0 VA:0.0 L:0.0

RIGHT EYE

LEFT EYE

Central Control Panel:

- Left: Circular button with a green plus sign (+).
- Center: A large circular dial with a blue gradient.
- Right: Circular button with a red minus sign (-).

Bottom Buttons:

- (-1 -) and (-2 -)

The screenshot displays the EyeCheck software interface. At the top, there are six blue buttons labeled E, S, P, and three user icons. Below these are four rows of eye test patterns:

- Row 1: Pattern E (0.1), Pattern S (0.3), Pattern S (0.6), Pattern S (1.0), Pattern P.
- Row 2: Pattern E (0.2), Pattern S (0.4), Pattern S (0.7), Pattern S (1.0), Pattern F.
- Row 3: Pattern E (0.16), Pattern E (0.4), Pattern E (0.5), Pattern E (0.8), Pattern E (1.2).
- Row 4: Pattern C (0.05), Pattern C (0.16), Pattern C (0.2), Pattern C (0.4), Pattern C (0.5), Pattern C (0.7), Pattern C (0.8), Pattern C (1.0), Pattern C (1.2), Pattern C (2.0).

Below the patterns are five blue buttons numbered 1 through 5. To the right of these numbers are three blue buttons labeled 1.2, 1.5, and 2.0. The bottom row features several icons: a red/green/blue bar, a grey/white bar, a sun-like icon, a circular icon with a cross, and a gear icon.

Near Vision Chart

The figure shows the i-Optik software interface for eye examination. The left side displays the prescription for the right eye (RIGHT EYE) and left eye (LEFT EYE). The right side features various diagnostic tools and an optotype chart.

RIGHT EYE Prescription:

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

Buttons: FAR, NC, CV, FINAL, BACK, NEXT

Metrics: R:32.0, PD:64.0, L:32.0
R:0.0, VA:0.0, L:0.0

RIGHT EYE Control Buttons: +, -, -1, -2

LEFT EYE Control Buttons: +, -, -1, -2

Diagnostic Tools:

- E (Visual acuity test)
- (Visual acuity test)
- P (Visual acuity test)
- Profile 1 (Silhouette)
- Profile 2 (Silhouette)
- Profile 3 (Silhouette)
- Red-green color vision test
- Flashing light test
- Converging light test
- Vertical alignment test
- Horizontal alignment test
- VRZ (Visual acuity test)
- Grid pattern test
- Number pattern test (8, 5, 6, 4, 2)
- HVS (Hue, Value, Saturation) test
- Color calibration chart
- Optotype chart (H V Z D S, N C V K D, C Z S H N, O N V S R, K D N R O, Z K C S V, D V O H C, O H V C K, H Z O K O, Z O K O)
- Autorefractor
- Slit lamp
- Printout icon
- Settings icon
- Help icon
- Gear icon

Near Vision Chart

i-Optik

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

RIGHT EYE

LEFT EYE

FAR NC CV FINAL BACK NEXT

R:32.0 PD:64.0 L:32.0
 ← →
 R:0.0 VA:0.0 L:0.0

VISION CHART

E	□	P	1	2	3
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

CHART DETAILS

S C H O	V Z D	N R K E			
O Z R E	C H S	D K V N			
0.4		20/50			
H C Z D	N E V	K R S E			
0.5		20/40			
Z D E V	O S H	R C N K			
K C N D	V Z R	H S E O			
V H S C	D E Z	D N K R			
0.63		20/30			
C N K O	R V D	E S H Z	C N K O	R C H	K Z V D
E R H Z	K D N	C O V S	E R H Z	K D N	C O V S
0.8		20/25	1.0		20/20

TOOLS

C - Near Vision Chart

RIGHT EYE

+0.00	S(0.25)	+0.00
-0.00	C(-0.25)	-0.00
180	A(5)	180
BI 0.0	H(0.1)	BO 0.0
BD 0.0	V(0.1)	BU 0.0
+0.00	ADD	+0.00

FAR

NC

CV

FINAL

BACK

NEXT

R:32.0

R:0.0

PD:64.0

VA:0.0

L:32.0

L:0.0



卷三十一

