



MULTI-SPOT GREEN
**PHOTOCOAGULATION
LASER SYSTEM**

Aurolab phoenix

- Precision pattern arrangement- 24 pre programmed scanned patterns
- Dual hit mechanism- enhances efficiency with precise alignment
- Safety and control at surgeon fingertip with our inbuilt ExpertSystem
- True color and built in safety filters
- Exceptional user comfort with joystick operation
- Robust with assured 2 years warranty





Electro Magnetic technology

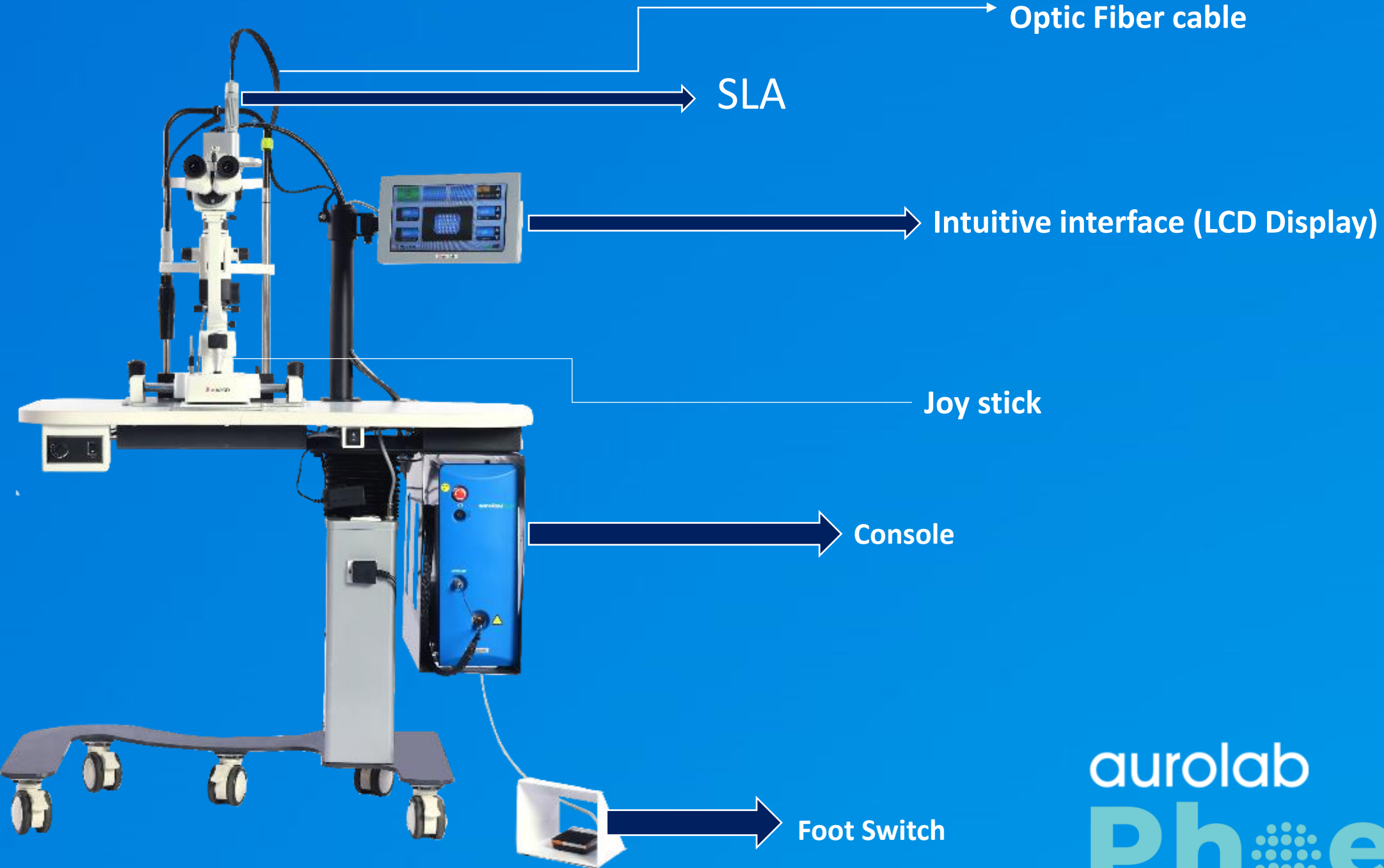
Fast steering mirrors adapts technology which enable the scanners to offer excellent precision and are well-suited for our application as that require sub-micron positioning accuracy.

Minimum Damage To Surrounding Tissue

Minimum Heat Diffusion To The Retina & Choroid

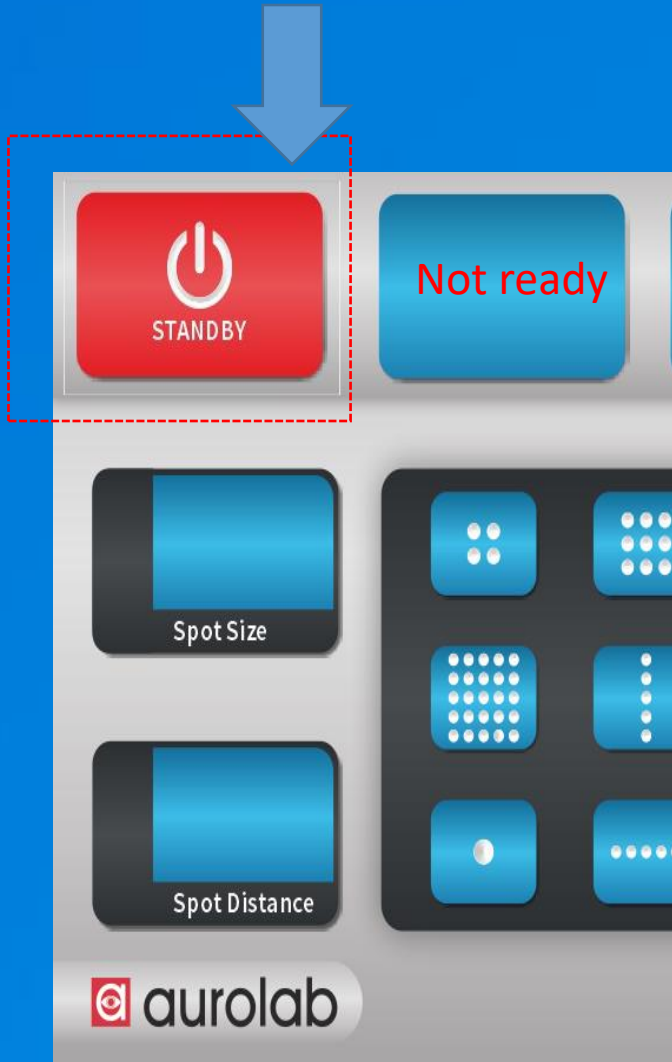
Shorter Laser Sessions Compared To Classic Treatment

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Ph**eniX**



Complete Device Setup (with slit lamp adaptor connected)

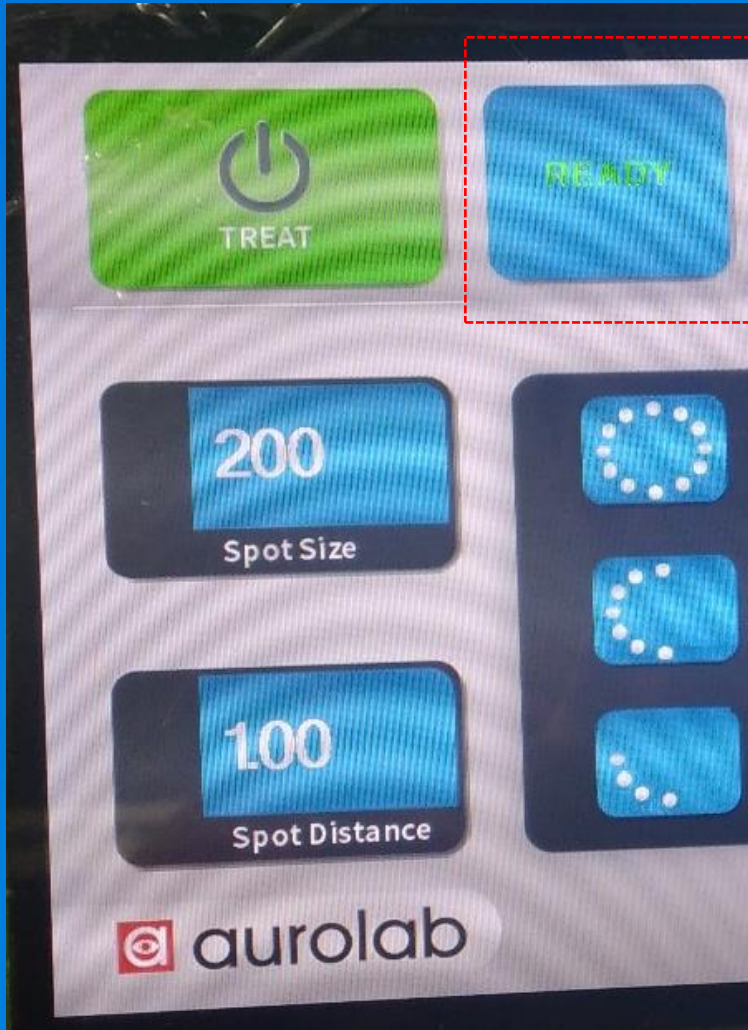
STANDBY MODE



- Initially, the device is in **STANDBY** mode.
- Set all parametric values to the minimum value as per the required specifications.
- In the Standby mode, the footswitch is disabled and the safety shutter is closed.

User Interface in Standby Mode

TREAT MODE



Tap the **STANDBY** Icon to activate the **TREAT** Mode highlighted in Green color.

System status is set to the Treat mode.

Press the footswitch to turn ON the laser beam.

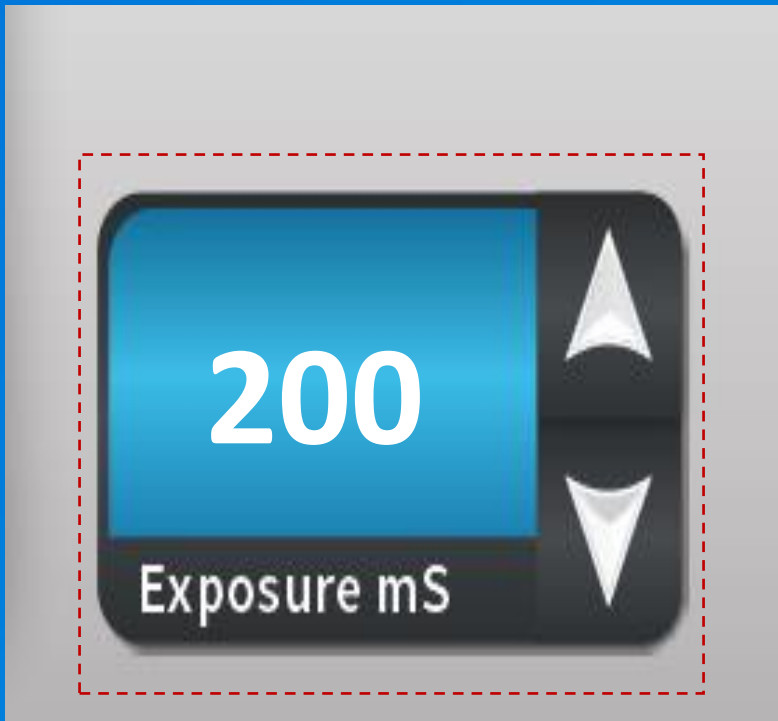
Tap the **Shot Counts** Icon to reset the current pulse count.

In the **TREAT** Mode, laser beam and warning lamp are always turned ON.

Exposure

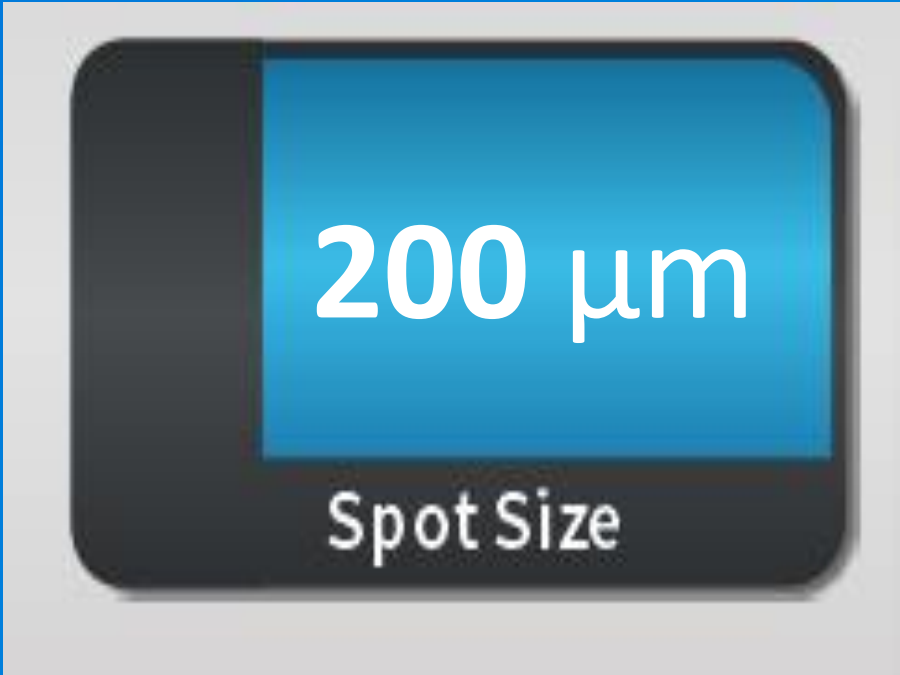
Adjust the exposure duration by using the up and down icons on the LCD display.

Pulse duration setting ranges from minimum 10msec to 1000msec ranging from 10ms to 1000ms in steps of 10ms



Exposure Settings on User Interface

Spot Size



Spot Size Settings on User Interface

- Set the spot size of the laser beam ranging from 100μm to 500μm by using the up and down icons on the LCD display.
- The spot size ranges from 100μm to 500μm.
- 100μm to 500μm in steps of 100μm

Aim Intensity



Aim Intensity Settings on User Interface

- Set the aim intensity of the laser beam for the accurate irradiation of the treatment beam on the patient's eye during TREAT Mode by using the up and down arrows.
- By default, the laser beam intensity is set to 10%. Adjust the intensity level of the laser beam depending upon the operating requirements.
- The aim intensity is varied in steps of 10%.

Shot Counts

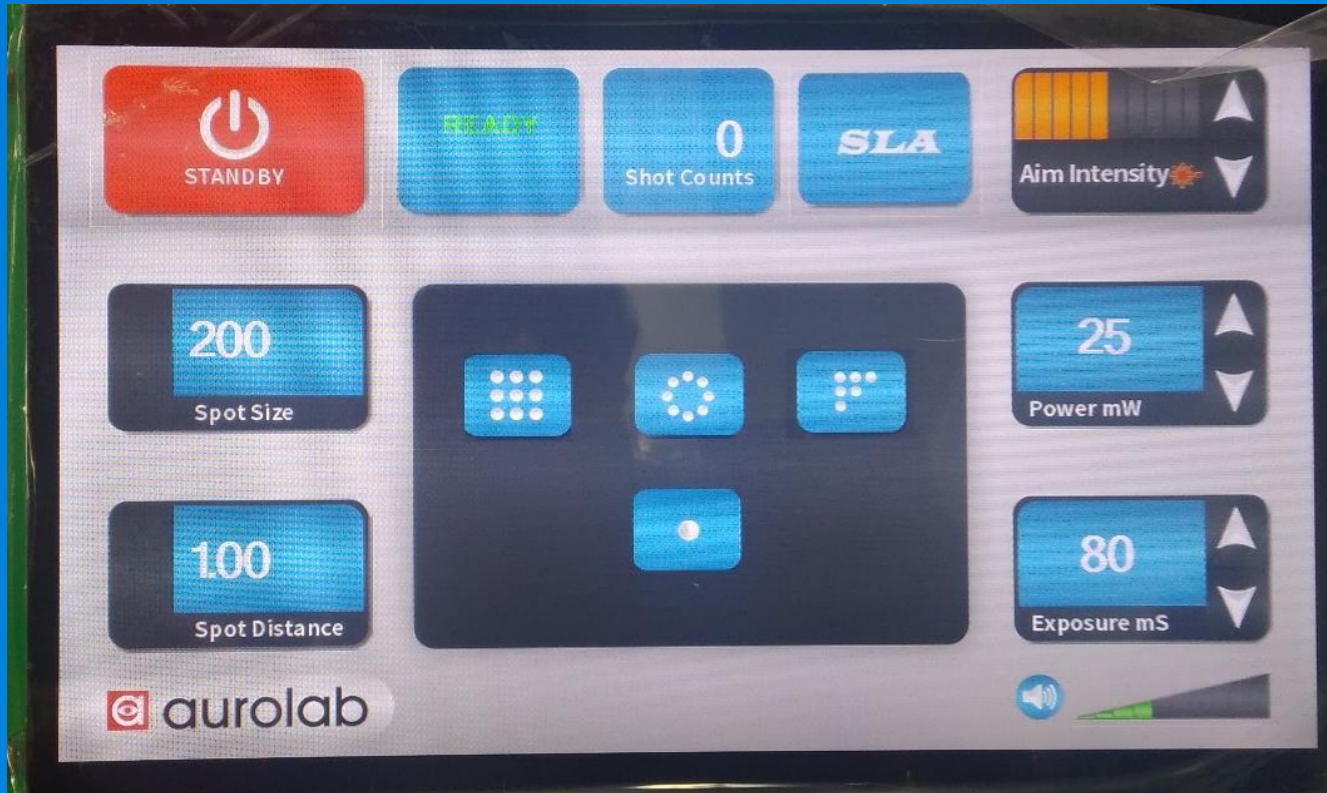


- Counts and displays the number of laser shots delivered to the patient during TREAT mode.
- Reset the shot counter by changing the mode into Standby.

Shot Count Settings on User Interface

Patterns :

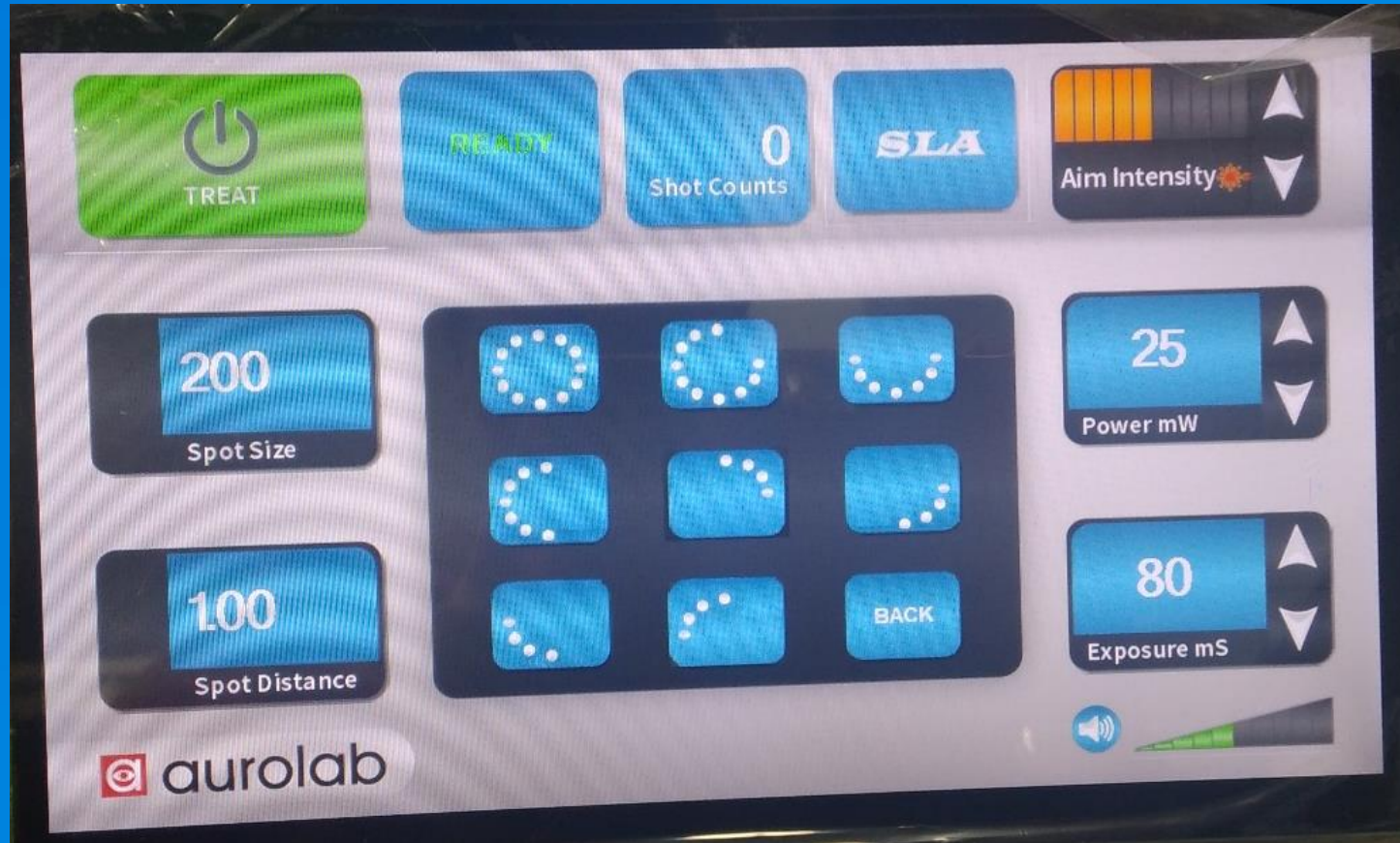
Square Matrix, Circle , Triangle



Square Matrix:

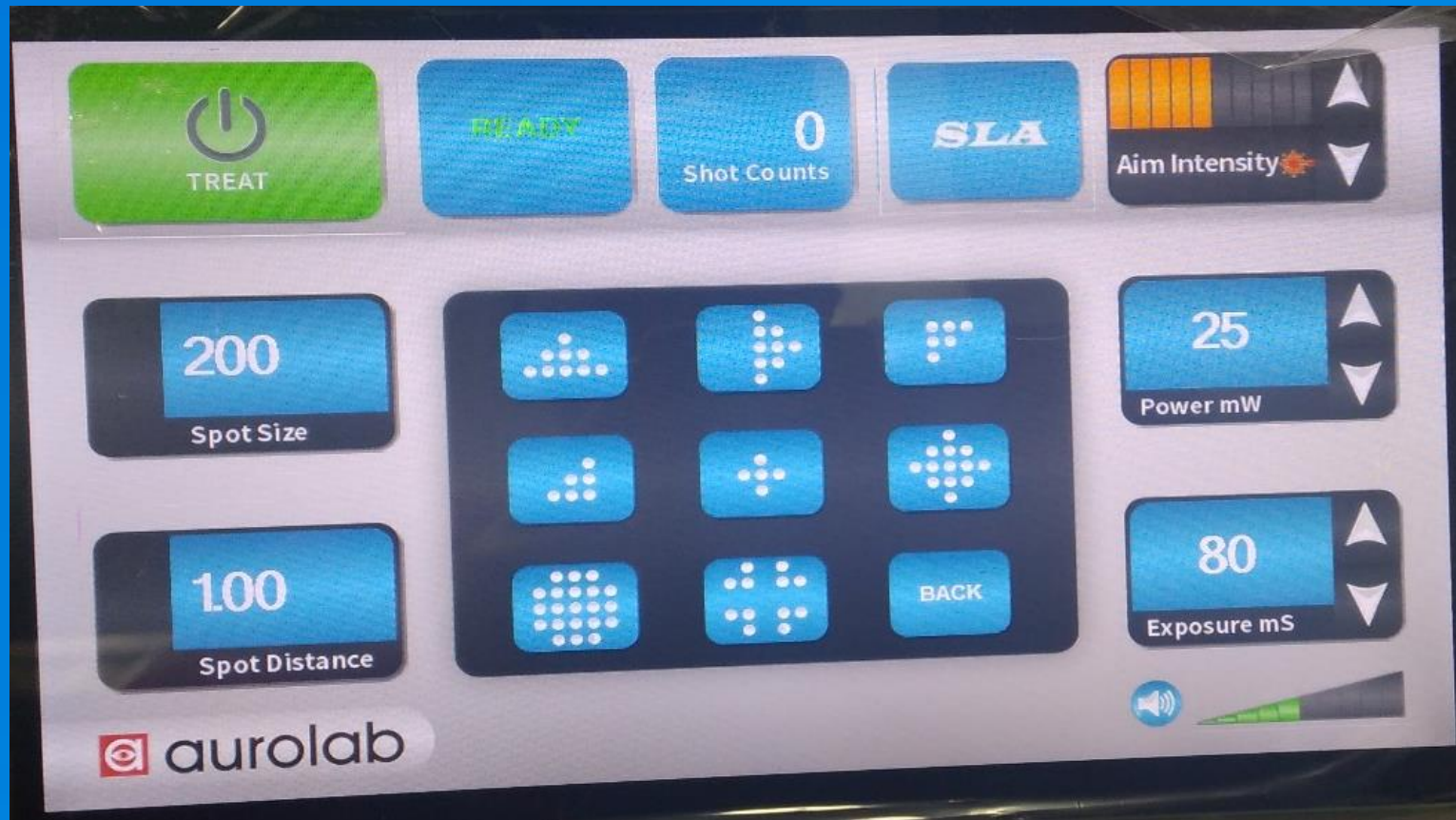


Circle :



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Triangle



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In-built Expert system (eXs)

mw/msec	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
10																			5
15	0.75	1.125	1.5	1.875	2.25	2.625	3	3.375	3.75	4.125	4.5	4.875	5.25	5.625	6	6.375	6.75	7.125	7.5
20	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
25	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875	12.5
30	1.5	2.25	3	3.75	4.5	5.25	6	6.75	7.5	8.25	9	9.75	10.5	11.25	12	12.75	13.5	14.25	15
35	1.75	2.625	3.5	4.375	5.25	6.125	7	7.875	8.75	9.625	10.5	11.375	12.25	13.125	14	14.875	15.75	16.625	17.5
40	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
45	2.25	3.375	4.5	5.625	6.75	7.875	9	10.125	11.25	12.375	13.5	14.625	15.75	16.875	18	19.125	20.25	21.375	22.5
50	2.5	3.75	5	6.25	7.5	8.75	10	11.25	12.5	13.75	15	16.25	17.5	18.75	20	21.25	22.5	23.75	25
55	2.75	4.125	5.5	6.875	8.25	9.625	11	12.375	13.75	15.125	16.5	17.875	19.25	20.625	22	23.375	24.75	26.125	27.5
60	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30
65	3.25	4.875	6.5	8.125	9.75	11.375	13	14.625	16.25	17.875	19.5	21.125	22.75	24.375	26	27.625	29.25	30.875	32.5
70	3.5	5.25	7	8.75	10.5	12.25	14	15.75	17.5	19.25	21	22.75	24.5	26.25	28	29.75	31.5	33.25	35
75	3.75	5.625	7.5	9.375	11.25	13.125	15	16.875	18.75	20.625	22.5	24.375	26.25	28.125	30	31.875	33.75	35.625	37.5
80	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
1ms After Treatment colour mark on the retina																			
	No mark																		
	Light Gray Mark																		
	Pale Gray Mark																		
	Gray Mark																		
	White Mark																		

How we are different

- Safety and control at surgeon fingertip with our inbuilt Expert System
- True color and built in safety filters
- Exceptional user comfort with joystick operation
- Enhance efficiency with precise alignment



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Standard accessories and pricing

Aurolab phoenix -Multi-spot laser console with

- Slit lamp
 - laser delivery adapter with fiber
 - safety filter
 - Joystick base
- Connected touch screen panel
- Specialized Laser motorized table
- Elbow rest
- Foot switch
- Safety Goggles
- Dust cover



Additional accessories

- LIO
- Endoprobes
- Microscope safety filters
- Volk lenses



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