

**SYSTEM START UP** - The system is turned on by turning the key

**! SET THE SLIT LAMP DIOPTERS TO CORRECT SETTINGS**

Due to the special adapter, all users have to find the particular settings to use the Valon Laser. Both the aiming beam and retina should always be in focus. You can see the aiming beam, when laser is on ready mode.

**PATTERN DELIVERY**

When Laser is ready, you can deliver the patterns by pressing the footswitch as long as the whole pattern has been delivered. Full pattern must be visible in the slit.

**SMART WHEEL FEATURES -**

**CHANGE OF PATTERN**

Push down the Smart Wheel to change pattern.



**ROTATION OF PATTERN**

Turn the Smart Wheel to rotate the pattern accordingly.



**CHANGE OF PATTERN SIZE**

Tilt the Smart Wheel from left to right to change the pattern size.



**POWER ADJUSTMENT**

Press inwards the buttons on the sides to adjust the power.



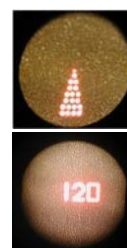
**MICROMANIPULATOR**

Moving the Smart Wheel in X – Y plane controls the micromanipulator.



**INFORMATION PROJECTION**

Valon patented feature. Changes made during treatment are projected on retina.



**PRP for neovascularization**

Pulse duration - 20 msec

Spot size - 200 microns

Lenses – Ocular Mainster 165/  
Volk HRWF/ Volk Superquad

Distance between spots – 0.5-0.7

Start at 200mW

Light spots for regular PDR,  
moderate for advanced PDR

Patterns - squares, triangles and circles.

Recommended amount of spots delivered for pattern PRP is at least 50% more than with conventional treatment.

Decrease the power and pattern size when treating far periphery!

**MACULAR GRID**

Pulse duration -10 msec

Spot size - 100 microns

Lenses - Volk HR centralis

Distance between spots – 1.5-2

Start at max. 100mW

Barely visible or subvisible spots

For grid, use triple arc with fixation light. Recommended radius 1100 – 1400 microns. Arcs are delivered separately, so for triple arc you need to press the foot switch 3 times.

**RETINAL HOLES AND TEARS**

Pulse duration - 20 msec

Spot size - 200 microns

Lenses – Ocular Mainster 165/  
Volk HRWF/ Volk Superquad

Distance between spots - 0

Start at 200mW

Visible spots

Pattern – triple arc, 2x2 and 3x3

Notice ! In case of treating Asian eyes, start all treatments with 20% less power.

**Other treatments**

- Iridotomy for closed angle Glaucoma
- Neovascular Glaucoma (Rubeosis)
- CNV
- Ischemic BRVO

Recommended settings in the user guide

**SYSTEM SHUT DOWN**

Make sure you shut down the system from the Touch screen before you turn the key.

Your local contact - خدمات پس از فروش

شرکت ایران ممکو  
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