**الموضوع: المواصفات الفنية لأجهزة شعبة العيون**

**Technical Specifications for *Ophthalmic Unit Qty (3)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer  | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configuration | * Table Top for two Devices.
* Electrical Height Adjustable Table Top. Dual Mode.
* Column with illumination Lamp.
* Chart Projector Holder.
* Adjustable Knob of Slit lamp Light intensity.
* Blocking Mechanism of a table top rotation.
 |
| 5 | Patient Chair | * Electrically up/down.
* Reclinable.
* Rotatable.
* Arm reset and foot support.
 |
| 6 | Main Power  | 220 - 240 VAC , 50 Hz |

**UN CODE : 85451101**

**الموضوع: المواصفات الفنية لأجهزة العيون**

**Technical Specifications for Mobile *Slit Lamp Qty (3)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer  | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configuration | * Excellent sharp detailed images of the cornea, fundus, and endothelium.
* Applanation Tonometer.
* LED illumination Lamp.
* Background illumination to be included.
* Chin rest with vertical movement and fixation target.
* Integrated digital camera.
* Laptop at least 15 inches.
* Patient software for archiving.
* 90D lense and 78D lense.
 |
| 5 | Type | * Galilean magnification changer or equivalent with covering binocular tubes.
 |
| 6 | Variable magnification selection | * 5 steps magnification or better.
 |
| 7 | Eyepiece | * 12.5X or 16X
 |
| 8 | Field of view | * 7-36 mm or wider range.
 |
| 9 | Filters | * Blue
* Red free
* ND
* Heat insulation

***Other filter optional must be priced separately (IR cut, UV cut, Exciter/barrier).*** |
| 10 | Width of Slit Image | * 0-15 mm continuously or better.
 |
| 11 | Hieght of Slit Image | * 1-15 mm continuously or better.
 |
| 12 | Main Power  | 220 - 240 VAC , 50 Hz |

**UN CODE : 42183015**

**الموضوع: المواصفات الفنية لأجهزة العيون**

**Technical Specifications for *Portable Slit Lamp Qty (1)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer  | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configuration | * PD Adjustment.
* Slit width adjustment (0-10 mm, continuously).
* Filters – Green, Cobalt Blue, Heat absorption filters.
* Diopter adjustment.
* Illumination Control.
* Rechargeable Lithium Battery (2 hours continuous reading).
 |
| 5 | Microscope | * Eyepiece: 10x, 16x or better.
* Magnifications: 10x, 16x or better.
* Diopter adjustment: +/-5D or better.
* Visual field: to be mentioned.
* PD range: please specify.
* Working distance: to be mentioned.
 |
| 6 | Light source | High luminance white LED. |
| 7 | Accessories Included | * Carrying case.
* 2 Batteries.
* Battery Charger.
* Forehead support.
* Diopter adjustment bar.
 |
| 8 | Accessories (optional) | * Eyepiece.
* Spare batteries.
 |
| 9 | Main Power  | 220 - 240 VAC , 50 Hz |

**UN CODE : 42183015**

**الموضوع: المواصفات الفنية لأجهزة العيون**

**Technical Specifications for *Tonopen Qty (1)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer  | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configuration | * Easy to use.
* Small size, easy to carry.
* Wireless output infrared thermal Printer.
* Vertical and horizontal measurement modes.
 |
| 5 | Measure Range | * 3mmHg-70mmHg or better
 |
| 6 | Precision | Please specify |
| 7 | Disp tips | TO Be Mentioned |

**الموضوع: المواصفات الفنية لأجهزة العيون**

**Technical Specifications for *Indirect Laser Qty (1)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configuration | * Should be compatible with green enforcement laser for lightmed, model: light las 532.
* Should produce clear, high-resolution images of the fundus.
* Should have 3 filters: red-free, cobalt blue, and yellow filters.
* Should be optimized for small pupil sizes.
* Should have synchronized adjustment of convergence and parallax.
* Coaxial beam of observation, target laser and treatment laser beam should be available.
* Should have 3 illumination spot sizes: small, medium and large.
* Papillary distance adjustable.
* Light Headset weight.
 |

**الموضوع: المواصفات الفنية لأجهزة العيون**

**Technical Specifications for *Ophthalmic Yag Laser Qty (1)***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer  | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety standard | FDA approval or CE marking |
| 4 | configurations | * Refined laser delivery with lower energy.
* SLT mode.
* Clear and sharp field of view.
* Precise aiming beam.
* Optimized operating distance.
* Unique joystick.
* SLT-NAVI display on the progress of laser treatment.
* Clear and sharp field of view.
* Motorized rotatable aiming beam (YAG mode).
* Precise edge aiming beam (SLT mode\*).
* Utility S-switch.
 |
| 5 | YAG mode: Laser source | Q-switched Nd:YAG |
| 6 | Wavelength | 1,064 nm |
| 7 | Pulse width | 3 ns |
| 8 | Pulse repetition rate | 3 Hz (single) / 1.5 Hz (burst) |
| 9 | Output energy | 0.3 to 10.0 mJ / pulse |
| 10 | Burst mode | 1, 2 and 3 pulses per trigger |
| 11 | Spot size | 8 μm |
| 12 | Cone angle | 16º |
| 13 | Focus shift | 0 to ±500 μm |
| 14 | Aiming beam | 635 nm / OFF, 0.5 to 25 μW |
| 15 | SLT mode:Laser source | Q-switched, frequency doubled Nd:YAG |
| 16 | Wavelength | 532 nm |
| 17 | Pulse width | 3 ns |
| 18 | Pulse repetition rate | 3 Hz |
| 19 | Output energy | 0.3 to 3.0 mJ / pulse |
| 20 | Spot size | 400 μm |
| 21 | Cone angle | 5.5° |
| 22 | Aiming beam | 635 nm / OFF, 0.04 to 0.3 mW |
| 23 | Slit Lamp | **Illumination:** LED lamp.**Magnification (field of view):*** 5x (40.7 mm), 8x (25.7 mm), 12.5x (16.1 mm).
* 20x (10.1 mm), 32x (6.4 mm).
 |
| 24 | Optionalaccessories | Foot switch, stand for control box, safety goggles |
| 25 | Main Power  | 220 - 240 VAC , 50 Hz |