

OSCAR VISION

Micro ViT - AB6K



Specification

User friendly Touch screen display 12.1 inch, continuously displays messages and status of the equipments to doctor.

Vitreotomy : Guillotine style Pneumatically operated, cutting rates 100 to 10000 cuts/min and Bi-Blade 20000 cuts/min with duty cycle control, Linear, Non Linear & 3D mode. 20-27 Gauge Capability.

Venturi Aspiration : Vacuum limit 0 - 650 mmHg, Computer controlled sensor based, Linear, Non Linear & 3D mode.

Fragmentation : Power range 0 - 100%. Frequency 40 KHz, 6 Crystal Titanium Hand Piece Light Weight.
Modes : Continues, Micro Pulse (1 to 120 Pulse), Hyper Pulse (0 to 600ms), Burst,
With Linear and Non-Linear.

Diathermy : Power range 0 - 100% with high frequency Diathermy (13.56Mhz).

Endo- illumination : A dual high power LED light source for simultaneous use of two accessories.

Air-fluid exchange : Pressure range 0 - 200 mmHg, automatic air infusion for simple and controlled air-fluid exchange.

Silicone Oil Injector : Foot switch controlled viscous fluid injection with Low/High settings or injection of 1000 or 5000 centistokes Viscous fluid.

IOP Control : Pressure range 0 - 200 mmHg maintain constant infusion pressure for Chamber Stability.

Foot pedal : The light weight and sturdy foot pedal gives precise control over all functions during the surgery.
Dedicated Vitrectomy ON-OFF / Reflux control switches.
Menu selection through Foot switch with voice confirmation.
Programmable Foot Pedal.

Voltage : 110/230 v/50 or 60Hz

Dimension : L - 330 / H - 410 / W - 330mm

Unit Weight : 9.6 Kg (Approx)

Peristaltic Pump

Gemini Pro
Phacoemulsification



Specification

User friendly Touch screen display 10.4 inch, continuously displays messages and status of the equipments to doctor.

Phacoemulsification : Power range 0 - 100%. Frequency 40 KHz, 6 Crystal Titanium Hand Piece Light Weight.
Modes : Continues, Micro Pulse (1 to 120 Pulse), Hyper Pulse (0 to 600ms), Burst, With Linear and Non-Linear.

Peristaltic Aspiration : Vacuum limit 0 - 650 mmHg, Computer controlled sensor based, Linear, Non Linear.
Active fluid control with Venturi effect.

Flow Rate : 0-60CC Per minute with Linear and Non-Linear.

Vitrectomy : Guillotine style Pneumatically operated, cutting rates 100 to 3000 cuts with duty cycle control, Linear, Non Linear with Built-in compressor.

Diathermy : Power range 0 - 100% with high frequency Diathermy (13.56Mhz).

IOP Control : Pressure range 0 - 200 mmHg maintain constant infusion pressure for Chamber Stability.

Foot pedal : The light weight and sturdy foot pedal gives precise control over all functions during the surgery.
Dedicated Vitrectomy / US ON-OFF / Reflux control switches.
Menu selection through Foot switch with voice confirmation.
Programmable Foot Pedal.

Voltage : 110/230 v/50 or 60Hz

Dimension : L - 295 / H - 220 / W - 295 mm

Unit Weight : 6.0 Kg (Approx)

Venturi Pump

Fortune+
Phacoemulsification



Specification

User friendly Touch screen display 12.1 inch, continuously displays messages and status of the equipments to doctor.

Phacoemulsification : Power range 0 - 100%. Frequency 40 KHz, 6 Crystal Titanium Hand Piece Light Weight.

Modes : Continues, Micro Pulse (1 to 120 Pulse), Hyper Pulse (0 to 600ms), Burst, With Linear and Non-Linear.

Venturi Aspiration : Vacuum limit 0 - 650 mmHg, Computer controlled sensor based, Linear, Non Linear & 3D mode.

Vitreotomy : Guillotine style Pneumatically operated, cutting rates 100 to 10000 cuts/min and Bi-Blade 20000 cuts/min with duty cycle control, Linear, Non Linear & 3D mode. 20-27 Gauge Capability.

Diathermy : Power range 0 - 100% with high frequency Diathermy (13.56Mhz).

IOP Control : Pressure range 0 - 200 mmHg maintain constant infusion pressure for Chamber Stability.

Silicone Oil Injector : Foot switch controlled viscous fluid injection with High/low settings or injection of 1000 or 5000 centistokes Viscous fluid. (Upgradable Optional)

Foot pedal : The light weight and sturdy foot pedal gives precise control over all functions during the surgery. Dedicated Vitrectomy / US ON-OFF / Reflux control switches. Menu selection through Foot switch with voice confirmation. Programmable Foot Pedal.

Voltage : 110/230 v/50 or 60Hz

Dimension : L - 300 / H - 270 / W - 330mm

Unit Weight : 6.9 Kg (Approx)



Anterior Vitrectomy Built In Compressor

Cutting Range : 50 - 3000 CPM Non-Linear Mode

Vacuum : 0 - 500 mmHg Linear Mode with Foot Switch Control

I/A : Independent Mode Available.

Voltage : 110/230v/50 or 60 Hz

Unit Weight : 3 Kg (Approx)



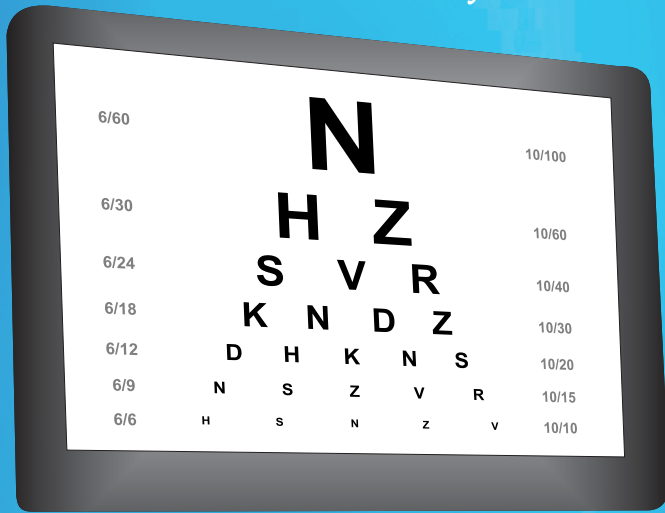
LED-Light Source

High Power LED - Light Source

Intensity : 0 - 100 %

Capability : 20-27 Gauge

Visual Acuity



- Landolt "C" Ring
- Tumbling E
- Alphabets (Random)
- Numeric (Random)
- Dots Chart
- Pediatric Charts
- Contrast Sensitivity
- Logmar Charts
- Snellen Charts
- ETDRS Contrast
- Maddox Test
- Peripheral Acuity
- Red Green (or) Duochrome
- Cross Cylinder Test
- Ishihara Colour Charts
- Animal Parade Charts
- Cartoon Charts
- Astig Fan
- All Regional Language
- Charts, Urdu & Arabic

Chart Distance Available :

5 feet, 6 feet, 8 feet, 10 feet, 12 feet, 15 feet, 20 feet and Mirror Charts. All distance charts inbuilt with machine

Monitor Size : 18.5 inch & 22 inch (wide)

Eye Educational Chart :

Cataract, Retina, Cornea, Glaucoma, Lasik, Contact Lens (Total 100 Charts)

Voltage : 110/230V/50 or 60 HZ; Weight : 3 Kg Net

Fine Vision Chart - AB6



Air-Injector

Pressure Range : 0 - 200 mmHg, automatic air infusion for simple and controlled air-fluid exchange.



IOP Control System

Pressure Range : 0 - 200 mmHg, maintain constant infusion pressure.

Micro Surgical BI-Polar Coagulator-007



Specifications

Power Output	0 - 100%
Settings Range	5% - 100%
Frequency	15 Watts (13.56 Mhz)
Foot Switch Control	

All specification subject to change without notice

OSCAR VISION TECH

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