ONE GIANT LEAP FOR VITREOUS SURGERY

ULTRAVIT® 5000 cpm vitrectomy probe with duty cycle control
Integrated Pressurized Infusion & IOP Compensation
Advanced Xenon Illumination
Embedded 532 nm PUREPOINT® Laser
With Efficiency Components

constellation® VISION SYSTEM

alconretina.com
**Key Features**

**A Fluidics Module:**
- Vacuum Control to 650 mmHg
- Flow Control
- IOP Compensation
- Fluid/Air Exchange

**B Pneumatics:**
- ULTRAVIT® 5000 cpm Probe
- VFC Inject/Extrusion
- Pneumatic Scissors/Forceps
- Auto Gas Fill

**C Advanced Xenon Illuminator**

**D Embedded 532 nm PUREPOINT® Laser**

**E Display:**
- 17" Touch Panel
- Advanced GUI w/ Video DFUs

**F Barcode Scanner**

**G Articulating Tray Arm**

**H Auxiliary Advanced Xenon Illuminator**

**I Ultrasonics/Diathermy**

**J Multi-Function Footswitch**

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**Feature**

**ULTRAVIT® High Speed Vitrectomy Probe**
- 5000 cpm
- Port optimization
- Ergonomic design with soft grip surface
- Removable rear shell provides extendable length option

**Surgeon Controlled Duty Cycle**
- Port Biased Open, 50/50, Port Biased Closed
- Modify duty cycle to control flow independent of vacuum and cut rate
- Ability to select 3 different duty cycle options at any given cut rate

**Integrated Pressurized Infusion**
- IOP Compensation
- System constantly monitors infusion pressure
- IOP Compensation provides control of infusion pressure which results in more stable IOP

**Dual Aspiration Modalities**
- Venturi based vacuum up to 650 mmHg
- Flow control option for anterior and posterior procedures

**Advanced Xenon Illuminator**
- State of the art illumination for visualizing tissues

**Embedded PUREPOINT® 532 nm Laser**
- Advanced laser technology controlled from the screen

**V-LOCITY® Efficiency Components**
- ENGAUGE® Radio Frequency Identification Device
- Optimize OR setup, enhance the surgical experience and increase OR productivity

**Auto Infusion Valve**
- Surgeon control of the fluid/air exchange without relying on the circulator

**Auto Gas Fill**
- Single-person sterile process
- Automatic purge and fill of syringe with undiluted C₃F₈ and SF₆ gases between 28 and 56 seconds

**Proportional Diathermy**
- Ability to control diathermy power from the footswitch

**Pneumatic Scissors & Forceps**
- Footswitch control of forceps and scissors
- Single footswitch control for bimanual surgery

**Barcode Scanner**
- Assists in the case set-up process
- Automatically programs the machine with the pak content
- Tracks disposable inventory usage during the procedure

**Articulating Tray Arm**
- Facilitates sterile setup before patient comes into the room

**17" Articulating Display**
- Facilitates easy access for standing or seated procedures
- Easily accessed by the circulator

**INFINITI® Vision System Ultrasonic Technology**
- INFINITI® Vision System Ultrasonics with handpiece compatibility