An innovative phaco/vitrectomy system designed with enhanced fluidics
A high performance ophthalmic platform, leveraging DORC’s history in innovation to change the surgical landscape.

- Forward thinking design, easy to use while maximizing surgeon control
- Advanced technology in Cutting, Visualization and Fluidics ensures safe and efficient surgery
- Wireless Dual Linear foot pedal for increased flexibility and control for both Retina and Cataract surgery
- Complete procedural choice and flexibility in one platform
- Unprecedented 5 year warranty

Intuitive User Interface – Simple and Logical
- The EVA was designed by an OR team; for the OR team
  Doctors, Nurses and OR Technicians were part of the design team
  - Large interactive screen, easy to see and adjust parameters
  - Fully programmable doctor preferences for case specifics and foot pedal configuration
  - Instrument tray with adjustable height and size
  - Easy logical pack Set-up with front loading cassette cartridge
  - Color coded and thread specific connectors for faster Set-up
  - Two vacuum lines eliminates the confusing stopcock
  - 532nm Laser connection from the sterile field

Two Dimensional Cutting (TDC)
- Combining TDC with up to 16,000 cpm and VacuFlow VTi fluidics defines a new standard for surgeon control;
  Efficiency SEE DIAGRAM 1
  - TDC cuts in both directions doubling the cutting - further reducing traction & turbulence
  - Port remains open 92% of the time - more efficient tissue removal

Stability
- TDC with VacuFlow VTi fluidics allows surgeon to control flow of tissue into the port for precise cutting
- Port open design reduces intraocular turbulence caused by traditional cutters allowing better surgeon control
VacuFlow VTi
- New and innovative Linear Displacement Pump Technology provides surgeons with flexibility and control;
- Vacuum mode (see Diagram 2)
  - Provides surgeon with increased efficiency - tissue comes to the port
  - Ideal for faster tissue removal
- Flow mode (see Diagram 3)
  - Provides the surgeon with increased control and predictability in more delicate surgical procedures
  - Allows for precise engagement of tissue, ideal for:
    - Shaving anterior vitreous
    - Trimming membranes

Automatic Infusion Compensation (AIC)
- Available AIC allows the EVA to adjust infusion pressure on demand
  - Ideal when transitioning between active (aspiration) and static (picking/peeling) modes or maneuvers

4th Generation Trocar and Cannula System (see Diagram 4)
- Trocars feature a MVR style blade for ease of entry
- MVR style blade creates improved wound architecture
- Trocar handles incorporate convenient sclera markers
- New stainless steel Cannula designed with a thin wall for ease of insertion
- New valves designed to be removable for greater surgeon choice.
- New valve material design with translucent material for easier instrument insertion and better visualization in the dark

LEDStar Illumination (see Diagram 5)
- New 3 Port Light Emitting Diode (LED) Illumination advances visualization;
  - Constant Lumen output
    - No degradation of light output over the +10,000 hour life of the LED
    - Significant cost savings compared to traditional Xenon bulbs (400 hours)
  - Available color tinting
    - Allows for user adjustable tissue contrast for enhanced visualization
    - Increased safety profile for extended or highly complicated cases
  - Filtered for safety
    - Integrated 435nm and 680nm filters for UV and IR protection

532nm Laser
- Optional integrated 532nm laser
  - Wireless foot pedal with power adjustment
  - Convenient laser probe connection within the sterile field
  - SMA connector compatible for a wide range of laser probes

Gregory Fox, MD, USA
I found the flow rate a remarkable improvement. I was pleased at the near total lack of retinal motion while shaving proliferative membranes.
### Hardware, Packs, Accessories and Specialty Products

**EVA Hardware**
- 8000.COM03: EVA, Combined Incl. SMA-Laser
- 8000.DUC01: Non-Stereile EVA Dust Cover

**EVA Vitrectomy Procedural Packs (6/Bx)**
- 8300.20G02: Vitrectomy Pack VGPC 20g.
- 8300.23G02: Vitrectomy Pack VGPC 23g.
- 8300.25G02: Vitrectomy Pack VGPC 25g.
- 8523.210: TDC Vitrectomy Pack VGPC 23g.
- 8525.201: TDC Vitrectomy Pack VGPC 25g.
- 8310.27G02: TDC Vitrectomy Pack VGPC 27g.

**EVA Vitrectomy Procedural Packs (6/Bx)**
- 8510.22AF1: Custom Phaco Pack VPGC
- 8400.18A01: Set/6 DISP Phaco Needle 1.8 AF
- 8400.18F01: Set/6 DISP Phaco Needle 1.8 F
- 8400.22A02: Set/6 DISP Phaco Needle 2.2 AF
- 8400.22F01: Set/6 DISP Phaco Needle 2.2 F
- 8100.CAR01: EVA Cartridge Set
- 8110.DRA01: Disp. EVA Drapes

**EVA Accessories**
- 8110.ACCS: Disp. EVA Accessory Set
- 8110.CPA01: Disp. EVA Closure Plug Aspirat
- 8110.IAD01: Disp. EVA Img. Aspir. Tubing
- 8110.PEN01: Disp. EVA Touch Screen Pen
- 8267.VIT23: High Speed Cutter 23g./8000CPM
- 8267.VIT25: High Speed Cutter 25g./8000CPM
- 8267.VIT27: High Speed Cutter 27g./8000CPM
- 8287.VIT23: High Speed TDC 23g./8000CPM
- 8287.VIT25: High Speed TDC 25g./8000CPM
- 8287.VIT27: High Speed TDC 27g./8000CPM

**Vitrectomy Specialty Products**
- 3269.EB05: TotalView Chandelier, 25g. (6/bx, sterile)
- 3269.EB06: TotalView Chandelier, 23g. (6/bx, sterile)
- 3269.MB27: Eckardt 27g. Twinlight Chandelier (6/bx, sterile)
- 3269.MF25: Eckardt MultiFiber, 23g. (6/bx, sterile)
- 3269.E60: TotalView Endoillumination pic
- 1286.SS: Sterilization Tray for 1 Microforceps or Microscissors
- 1115: Bipolar Coagulation Forceps
- 1120: Cable for Bipolar Forceps
- 1272.VFE20: Disposable Viscous Fluid Extraction Cannula (5/bx, sterile)
- 1272.VFI20: Disposable Viscous Fluid Injection Cannula (5/bx, sterile)
- 1363.DD: Viscous Fluid Inj./EXT Kit
- 1362.V0E: HF Viscous Fluid Extrusion Tip
- 1210.06: Endodiathermy Handle, 23g.
- 1272.EDPP6: Disp. Replacement 23g. 1-step Inserters/Cannulas (5/bx, sterile)
- 1272.SD25: Soft-Tipped Cannula with luer lock connector, 23g. (5/bx, sterile)
- 1272.VFI06: 23g. Viscous Fluid Injection Cannula (5/bx, sterile)
- 1272.SDT23: Spaide Soft-Tip Diamond Dusted Cannula, 23g. (5/bx, sterile)
- 1272.ERPP1: Instrument Cannula, 23g., 2/Set
- 1272.EDPP6: Disp. Replacement 25g. 1-step Inserters/Cannulas (6/bx)
- 1120.06: Endosiathermy Handle, 23g.

**Vitrectomy Instruments**
- 1800.W: Microcuret Eckardt End-gripping ILM Forceps
- 1286.WD: Disp. Microforceps Eckardt End-gripping ILM Forceps
- 2286.H: Avci Foreign Body Forceps, 17g.
- 2286.I: Avci Foreign Body Forceps, 20g.
- 1272.IM06: Disposable ILM Micro Pick Needle, 23g. (5/bx, sterile)
- 1290.BT23: Retractable Extrusion Brush Tip Needle, 23g. (5/bx, sterile)
- 1276.C06: Microforceps: Serrated Jaws, 23g.
- 1276.CD06: Disposable Forceps: Serrated Jaw 23g. (5/bx, sterile)
- 1276.CD06: Disposable Forceps: Shah Micro-serrated jaw 23g. (5/bx, sterile)
- 1276.DA06: Microforceps: Diamond Dusted 23g.
- 1276.E06: Microscissors: 135° (vertical cutting) 23g.
- 1276.E06: Disp Vertical Scissor, 23g. (5/bx, sterile)
- 1276.ILM06: Microforceps: ILM, 23g.
- 1276.ILM06: Disposable Microforceps: ILM 23g.
- 1276.M06: Microscissors: Curved Horizontal, 23g.
- 1276.M06: Disposable Scissors: Curved Horizontal, 23g.
- 1276.W06: Microforceps: Eckardt End-gripping ILM, 23g.
- 1276.W06: Disposable Forceps: Eckardt End-gripping ILM, 23g.
- 1276.WH06: Microforceps: Eckardt Hi Myope. End-gripping, 23g.
- 1276.WP06: Microforceps: Eckardt “Power” End-gripping ILM, 23g.
- 1276.D06: Spaide Pic Forceps 23g.
- 1276.J06: Joseph Asymmetrical Forceps, 23g.
- 1276.D06: Duali Cured Spatula/Microscissors
- 1276.E05: Microscissors: 90° Vertical cutting, 25 g.
- 1276.E05: Disposable Microscissors: 90° 25g. (5/bx, sterile)
- 1276.M05: Disposable Microscissors: Curved 25g. (5/bx, sterile)
- 1276.W05: Microforceps: Eckardt End-gripping Forceps, 25g.
- 1276.W05: Disposable Forceps: Eckardt End-gripping Forceps, 25g.
- 1276.I05: Microforceps: Asymmetrical End-gripping, 25g.
- 1276.KD05: Disp Tano Asymmetrical Forceps 25g. (5/bx, sterile)
- 1276.W04: Microforceps: Eckardt End-gripping, 27g.
- 1276.WD04: Disp Microforceps: Eckardt End-gripping, 27g. (5/bx, sterile)
- 1276.WP04: Disp Microforceps: Power End-gripping 27g. /0.4 mm (5/bx, sterile)
- 1276.ME04: Membrane Pic, 27g.