



The **Infiniti Vision** is a surgical microscope that is mainly used for phacoemulsification surgeries or cataract removal surgeries. The Infiniti Vision comes with a small probe that makes a small incision at the edge of the eye. The probe would then either use ultrasound or mechanical oscillation to break up the cataract while allowing for more control of the lens tissue. The Infiniti Surgical Microscope offers enhanced fluidic management and surgical control in one machine, it also offers the OZIL Torsional Hand piece which produces the oscillating, ultrasonic movement that is needed to breathe cataract apart. The Infiniti vision comes with a touchscreen system, foot pedal, and remove along with an SD card slot to store patient data and user setting for each procedure.

Features

- The increased flexibility and multiple removal options provide surgeons with more control over the lens removal procedure.
- Physicians can choose the method of cataract removal that will most benefit the patient.
- Ophthalmic phacoemulsifier that provides customized cataract surgery.
- Features fluidics with two unique energy delivery systems, providing surgeons the ability to customize cataract lens removal.
- The system's OZIL® Torsional Handpiece delivers side-to-side, oscillating ultrasonic movement. Precise pumping capability provides forward and reverse actuation up to 100cc per minute.
- Provides both an exclusive irrigation pressure sensor (IPS) and a vacuum pressure sensor (VPS). The new technology may reduce the risk of thermal burns and other potential complications



Specifications

Dimensions

Height: 160 cm (63")
width: 58.5 cm(23")
Depth: 76 cm (30")
Weight, Unpacked: 107 kg (235 lbs)
Weigh, Packed: 150kg (330lbs)

Enviromental

Altitude, Operating:2,438 meters (8,000 ft)
Altitude, Non-Operating: 12,191 meters (40,000 ft)
Temperature, Operating: 10°C to 35° C (50° F to 95°F)
Temperature, Non-Operating: -40° C to 60°C (_40°F to 140°F)
Relative Humidity, Operating: 10% to 95% without condensation
Relative Humidity, Non-Operating: 10% to 95% without condensation

Electrical

100 - 120 VAC, 50/60 Hz
220 - 240 VAC, 50/60 Hz