

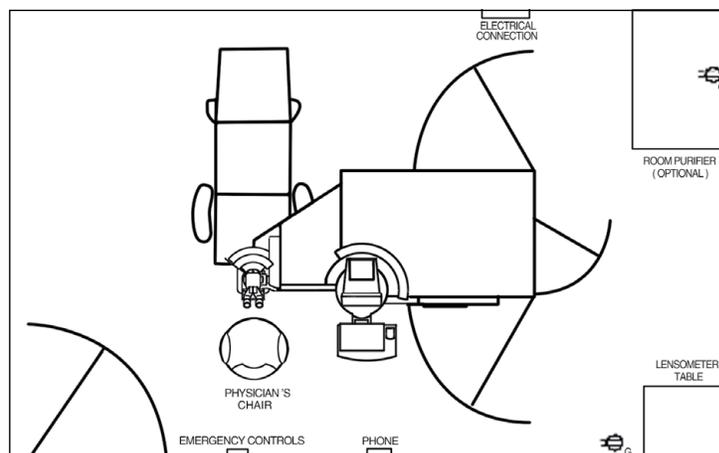


STAR S4 IR[®] Excimer Laser

Specifications for Site Installation/Preparation

Recommended Room Requirements

- 12 ft by 15 ft (3.6 m by 4.5 m) or larger
- Width of entry into room should be 40 in (102 cm)
Minimum: 36 in (91.5 cm)
- Floor must be able to support 2,770 lb (1,257 kg) – 2,000 lb (907 kg) for system and 770 lb (350 kg) for personnel
- Ambient temperature: 60° F to 80° F (15° C to 27° C)
- Humidity requirement: Relative humidity between 35% to 65% (non-condensing)
- Barometric pressure 11 psi to 16 psi (1.6 kPa to 2.3 kPa)
- All electrical connections to laser system should be on same wall and by system rear door
- Room should be kept clean; dust particle-free by tiling floor; do not install carpet; avoid ceiling tiles that shed particles. Room purifier or room evacuation fan is required. If room is freshly painted, do not install system until three weeks have passed to allow paint to dry thoroughly

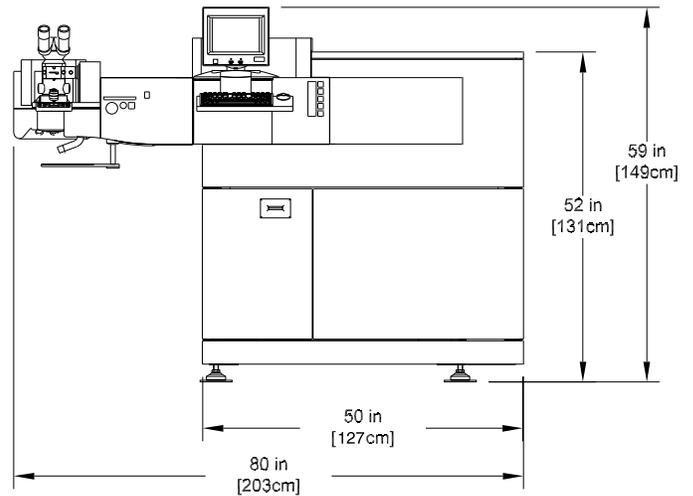


Typical layout for a 12 ft by 15 ft (3.6 m by 4.5 m) room.
The service access doors are shown in the open position.

Johnson & Johnson VISION

System Dimensions and Weight

- Height: 59 in (149 cm) maximum
- Width: 50 in (127 cm) (overall)
- Length: 80 in (203 cm)
- Weight:
 - Main Console – 1,600 lbs (726 kg)
 - Patient Chair – 400 lbs (181 kg)
 - Patient Chair: Perpendicular to system at treatment end

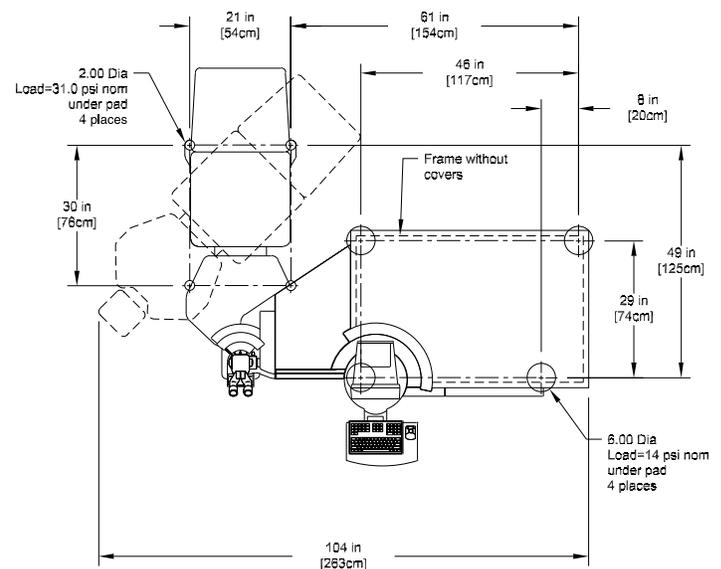


Dimensions of the STAR S4 IR® Excimer Laser

Electrical Requirements

Follow all local codes and standards. Electrical conduit to the room must carry:

- 220 to 245 VAC single phase, plus ground, 60 Hz (U.S. specifications)
- 30 amp service
- A main power disconnect system is required
- Use breaker or fused type with disconnect switch
- Hard-wire system into electrical box
- Place box no more than 10 ft (3 m) from cord outlet on laser unit
- Provide a strain relief where laser power cable enters box. Power cable diameter is 0.75 in (1.9 cm)
- Place electrical box approximately 5 ft (152 cm) from floor and close to system
- Electrical connections should be placed by system rear door



Floor Loading Diagram

Johnson & Johnson Vision cannot take responsibility for the ability of any building, office, or other structure or installation site to meet building codes. Due to the uniqueness of individual building construction and local code variation, Johnson & Johnson Vision strongly recommends that specific installations be analyzed individually, by consulting with a structural engineer.

IMPORTANT SAFETY INFORMATION:

CAUTION – CLASS 4 LASER PRODUCT

LASER TYPE: EXCIMER A/F
 MAXIMUM AVERAGE POWER: 30W
 MAXIMUM PULSE ENERGY: 650mJ
 PULSE DURATION: 15-30ns
 WAVELENGTH: 193nm

ALSO CONTAINS CLASS 2 LASER
 LASER TYPE: LASER DIODE
 OUTPUT POWER: 0.8mW
 WAVELENGTH: 635nm

IEC 60825-1:2007

Laser refractive surgery is contraindicated for patients: a) with collagen vascular, autoimmune, or immunodeficiency diseases; b) who are pregnant or nursing women; c) with signs of keratoconus or abnormal corneal topography; d) who are taking one or both of the following medications: Isotretinoin (Accutane®) and Amiodarone hydrochloride (Cordarone®). Potential side effects to laser refractive surgery may include glare, dry eye, as well as other visual anomalies. LASIK requires the use of a keratome that cuts a flap on the surface of the cornea; potential side effects may include flap-related complications. Patients are requested to consult with their eye care professional and Patient Information Booklet regarding the potential risks and benefits for laser refractive surgery; results may vary for each individual patient. Refer to **STAR S4 IR®** Operator's Manual for applicable LASIK indications, contraindications, and warnings and precautions.

RESTRICTED DEVICE: U.S. Federal law restricts this device to sale, distribution, and use by or on the order of a physician or other licensed eye care practitioner. U.S. Federal law restricts the use of this device to practitioners who have been trained in its calibration and operation and who have experience in the surgical treatment and management of refractive errors.

Reference: STAR S4 IR® Excimer Laser Operator's Manual

For a complete set of requirements and information on site installation/preparation please contact our technical support team at 1.800.511.0911