

# LEICA M620 ON F20



## ABOUT

The **Leica M620** surgical microscope on the F20 floorstand is designed to provide high-quality visualization and reliable performance for ophthalmic procedures. Featuring advanced optics and direct halogen illumination, the system delivers clear, high-contrast images with consistent lighting throughout surgery. The integrated control system allows clinicians to easily adjust focus, zoom, and illumination settings through an intuitive interface, improving workflow efficiency in the operating room. Mounted on the compact F20 floorstand, the microscope offers smooth maneuverability and stable positioning, making it well suited for a variety of surgical environments.



## FEATURES

- **Advanced Optical System:** Provides sharp, high-contrast imaging with natural color reproduction and enhanced depth of field.
- **Direct Halogen Illumination:** Delivers bright, uniform lighting with stable red reflex.
- **Intuitive Control Interface:** Integrated touchscreen and programmable settings.
- **F20 Floorstand Mobility:** Compact floorstand with smooth movement and long reach.
- **Flexible Configuration Options:** Compatible with various binoculars, video systems, and accessories.



# SPECIFICATIONS



## DIMENSIONS

**Height (Minimum):** 74.9 in (190.2 cm)

**Width:** 23.9 in (60.8 cm)

**Depth (Reach):** 56.9 in (144.4 cm)

**Weight:** 463 lb (210 kg)

## OPTICS

**Magnification Changer:** 6:1 zoom, motorized, adjustable speed

**Focusing:** Motorized, 50 mm, adjustable speed, with automatic reset

### Objective

- APO Leica WD = 175 mm, 200 mm
- Achromatic Leica f = 175 mm, 200 mm and 225 mm

**Eyepieces:** Widefield eyepieces for those wearing glasses 8.33×, 10× and 12.5×; Diopter adjustment +/- 5 with adjustable eyecup

### Illumination

- Homogenous, coaxial illumination;
- Integrated Red Reflex illumination, light intensity adjustable via control unit and/or footswitch jalousie for continuous, situation-dependent reduction of ambient illumination via sterile controls;
- Quick-change lamp mount with 2 halogen lamps, 12V/50W filter changer with UV projective filter;
- 2 free openings for selectable filters diameter 32 mm

**Inclining Mechanism:** +/- 5° manual fine adjustment, sterile operation

**XY-unit:** Positioning range 50 mm in X and Y direction; Adjustable speed, reset button, automatic reset at power on

**Control Unit:** Multifunctional display for brightness, magnification, reset and user selection, adjusting the speed of drives, individual user programming, Auto Reset

**Hand/Footswitch:** 12-function footswitch with controls arranged longitudinally or transversally, wired or wireless; Optional: 6- and 16-function wired footswitch, 12- and 16-function wireless footswitch, 12-function handswitch