



The Leica M-690 is an ophthalmic surgical microscope, providing high contrast and detail imaging. The M-690 has a 1:5 zoom magnification changer and focusing system, both of these are driven by electrical motors and are controlled by foot pedals. The Leica system comes with built-in illumination technology that links the book magnification to the field-of view. This fully illuminated the the magnifications and increases the intensity of the light for to help the surgeon keep focus.

The stand is 72 inches tall (183 cm) and enables the surgical microscope to be brought to the surgical table. With with four double rollers underneath the stand it makes it easier to move. The Leica Wild M-690 surgical Microscope can be fully customized to fit your suit needs.

## Features

- Sharp Optical View
- Excellent Depth of Focus
- Red Reflex Enhancing Objective Lens
- High Resolution, Internal, Motorized Focus and Zoom
- 0-180 Degree Inclined Binocular with 10 x 21 Widefield Eyepieces
- 1:5 Magnification Ratio
- Manual Override of Motorized Zoom
- Variable Motorized Focus - 50mm Range
- Tilttable Joint for Varying Optical Angle
- Two Bulb System for Immediate Back-up
- Varying Rheostat for Illumination Levels
- Reliable and Easy to Exchange Bulbs
- Selector for 110V or 220V



# Specifications

## Dimensions of Microscope

Minimum: 183 cm (72 in)  
Maximum: 212 cm (83.46 in)  
Maximum distance from the objective lens to the column 115 cm (45.27 in )  
Base of the stand: 75 x 75 cm ( 29.5 x 29.5 in)  
Weight: 150 kg (330.5 lbs)

## Halogen Illuminator

Two Bulb System for Immediate Back-up  
Varying Rheostat for Illumination Levels  
Reliable and Easy to Exchange Bulbs  
Selector for 110V or 220V

## Xy Function

Travel Range of 4 x 4 inches  
Automatic Centering Button  
Motorized Movement Activated by Joystick on Foot Control

## Foot Controls

Electronic Controls with Durable Cord  
Smooth Pedals for Motorized Focus and Zoom  
Movable Joystick for Motorized XY  
Detachable Cord for Moving and Storage

## Parameters

Zoom adjustment: from 2x to 14x  
Magnification of the eyepieces: 10x  
Inclinable binocular tube 0-180°  
Objective lens: f=300 mm  
Control unit:  
Light adjustment  
Adjustment of zoom and focus displacement speed  
Main illumination: Halogen 12V/50W  
Emergency lamp: Halogen 12V/50W  
Power supply: 115/230V / 50-60 Hz

## Microscope

Binocular: 0-180 Inclinable ; f=170mm | Other options: 10-50 Degree ; f=170mm  
Objective Lens: 175mm, 200mm with red reflex enhancer  
Magnification: Motorized 1:5  
Focus: Motorized with 50mm travel  
Eyepieces: 10 x 21 Widefield  
Pupillary Distance: 55mm – 75mm  
Filter: Standard UV