

**ELECTRICAL DATA**

Power supply	100–240 V, 50/60 Hz, 400 VA
Power supply F40 / C40 / CT40	100–240 V, 50/60 Hz, 300 VA
Safety class / Type	Class 1

ELECTRICAL DATA

Magnification changer	APO-Zoom 6:1, motorized, with 2 separate beam paths
Magnification	3.5× – 21× (WD 175 mm, 10× eyepieces)
Optisc	APO-chromatic corrected optics
Field diameter	7 mm – 80 mm
Working distance	175 mm, 200 mm and 225 mm
Focus range	54 mm, motorized, with automatic reset
Eyepieces	Widefield eyepieces for eyeglass wearers (8.33×, 10×, 12.5×) Dioptric setting ±5 with adjustable eye cup
Objectives	Leica OptiChrome™, WD 175 mm, APO Leica OptiChrome™, WD 200 mm, APO Leica OptiChrome™, WD 225 mm, APO (WD = working distance)

ILLUMINATION

Main lamp	LED
Coaxial OttoFlex™	Two halogen lamps 12 V / 50 W
Quick-change lamp mount	With two 12 V / 50 W halogen lamps for coaxial OttoFlex™

LEICA F20 FLOOR STAND

Type	Floor stand with 3 friction brakes
Balancing	Continuously adjustable gas spring
Load	Max. 11.5 kg accessories attached to the microscope
Reach	Max. 1480 mm
Vertical range	650 mm
Transport height	Min. 1940 mm
Weight	Approx. 270 kg as a fully configured system
XY-unit	Motorized, movement range 50 × 50 mm, with automatic reset
Tilt mechanism	Motorized, +15° / –50°
Hand switch/Foot switches	16- or 12-function foot switch with controls arranged longitudinally or transversally, wired or wireless 12-function hand switch
Control unit	Two-in-one display: control and video display in one. The latest electronic control for the continuous governing of all motor functions and the light intensity. Data shown by means of LCD, with adjustable contrast and brightness. Operation by modern touchpanel control. ISUS™ Intelligent Setup System, menu selection based on unique software for user specific configuration, with built-in electronic auto-diagnosis and user support.

**LEICA F40 FLOOR STAND, LEICA C40 CEILING MOUNT,
LEICA CT40 TELESCOPE CEILING MOUNT**

Type	Floor stand with 4 electromagnetic brakes
Balancing	Continuously adjustable gas spring
Load	Max. 12.2 kg accessories attached to the microscope
Reach	Max. 1492 mm
Vertical range	846 mm
Transport height	Min. 1949 mm
Weight	Approx. 330 kg as a fully configured system
XY-unit	Motorized, movement range 50 × 50 mm, with automatic reset
Tilt mechanism	Motorized, +15° / -50°
Hand / foot switches	16- or 12-function foot switch with controls arranged longitudinally or transversally, wired or wireless
	12-function hand switch
Control unit	Two-in-one display: control and video display in one. The latest electronic control for the continuous governing of all motor functions and the light intensity. Data shown by means of LCD, with adjustable contrast and brightness. Operation by modern touchpanel control. ISUS™ Intelligent Setup System, menu selection based on unique software for user specific configuration, with built-in electronic auto-diagnosis and user support.

HD IMAGING

For more information, please refer to your local Leica Microsystems Sales Representative.

STANDARDS

Council Directive 93/42/EEC on Medical Devices (MDD) and its amendments. Classification: Class I, in compliance with Annex IX, rule 1 and rule 12 of the directive. Medical Electrical Equipment, Part 1: General Requirements for Safety IEC 60601-1; EN 60601-1; UL60601-1; CAN/CSA-C22.2 NO. 601.1-M90. Electromagnetic compatibility IEC 60601-1-2; EN 60601-1-2. The Medical Division, within Leica Microsystems (Schweiz) AG, holds the management system certificates for the international standards ISO 9001, ISO 13485 and ISO 14001 relating to quality management, quality assurance and environmental management.



ACCESSORIES

Assistant attachment	Stereo assistant attachment
Beamsplitter	50% / 50%, 70% / 30%, Leica Rotatable Beamsplitter
TV / Photo	Leica 2D video systems
	Leica MDRS4 digital recording system
	Leica Zoom Video Adapter (VA) f = 35 – 100 mm, Manual VA 55/70 mm, Remote VA 55/70 mm
	Photo/TV dual attachment: f = 60/85/107 mm for TV, f = 250/350 mm for 35 mm camera
	Photo tube f = 250/350 mm
Wide-angle observation	Leica RUV800
	Interface for Oculus SDI / BIOM
Inverters (interface)	AVI, SDI, OIVSL, ROLS
Laser interface	Interface to fit various commercially available lasers, adapters available from laser suppliers
Slit lamp	Motorized travel $\pm 23^\circ$, slit width 0.01 – 15 mm, length 3 – 15 mm, rotatable 180°, quick-lamp changer
Imaging	Leica DI C800 high resolution true color digital imaging module for data display, 1024 × 768 pixel resolution
IOL Placement	Leica ToricEyePiece
Binocular tubes	Variable angle 0° – 180°
	Variable angle 30° – 150°
	Variable angle 10° – 50° UltraLow™ II
	Variable angle 10° – 50°
	Variable angle 5° – 25°
	Inclined angle 45°
Hand / foot switches	wired 16- or 12-function foot switch with controls arranged longitudinally or transversally
	wireless 16- or 12-function foot switch with controls arranged longitudinally or transversally (optional)
	12-function hand switch
Asepsis	Sterilizable protective glass for the objective, sterilizable components for all drive knobs, commercially available drapes
Network (optional)	DICOM compatibility for both videos and still images, archiving to patient records with Leica MDRS4 / Med X Change HDMD®