Leica DM IL LED

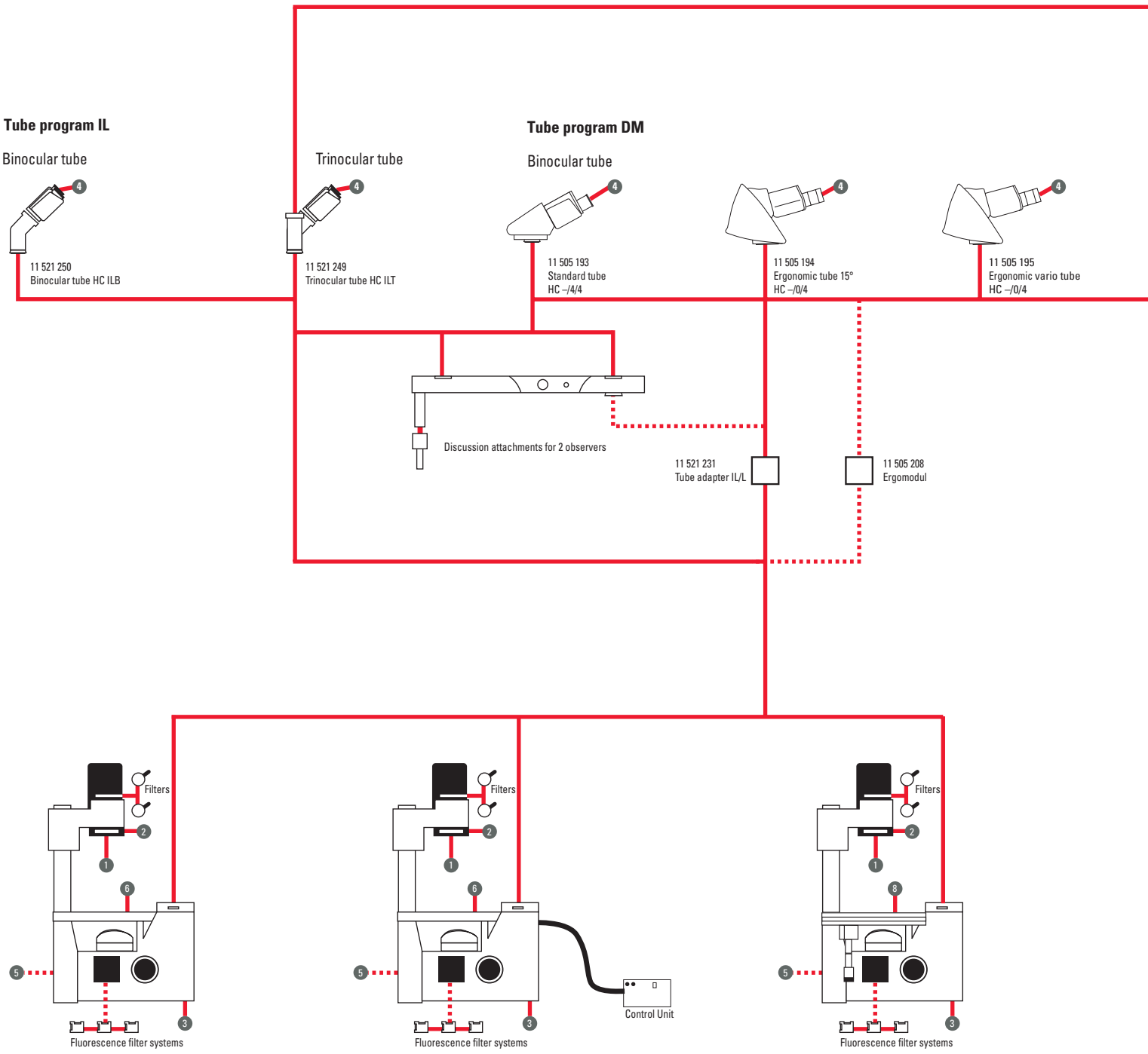
Technical product information

Inverted microscope for routine and laboratory microscopy in cell biology and medicine

Living up to Life

Leica
MICROSYSTEMS

Leica DM IL LED system overview



Leica DM IL LED
with fixed stage
11 521 257
without fluorescence

11 521 258
with fluorescence incl. 3-position fluorescence slide

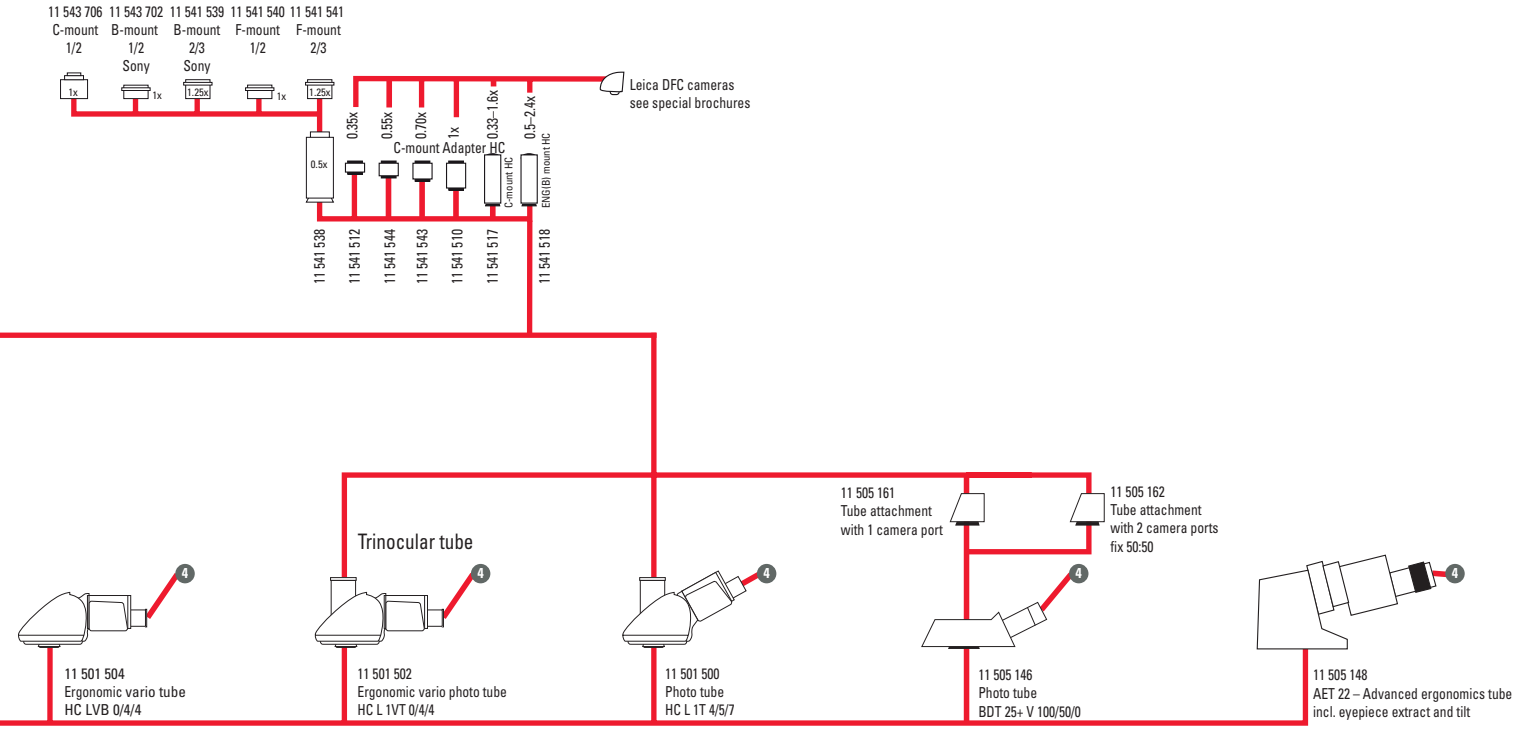
Leica DM IL LED
with heating stage incl. control unit
11 521 259
without fluorescence

11 521 260
with fluorescence incl. 3-position fluorescence slider

Leica DM IL LED
with 3-plate stage
11 521 261
without fluorescence

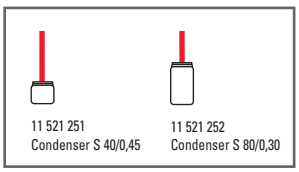
11 521 262
with fluorescence incl. 3-position fluorescence slider

TV systems



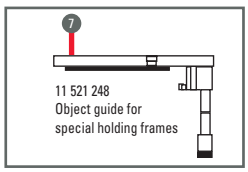
Condensers

1



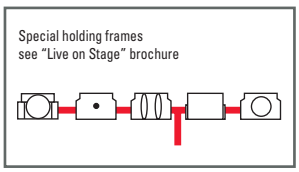
Object guide

6



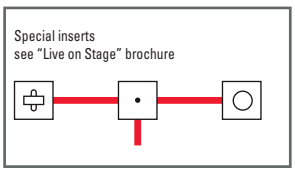
Holding frames for object guide

7



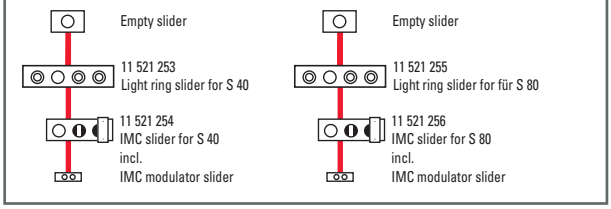
Inserts for 3-plate stage

8



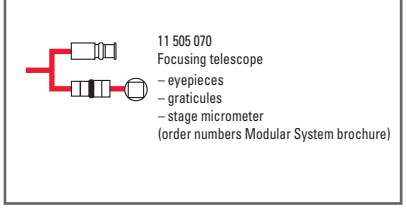
Slides

2



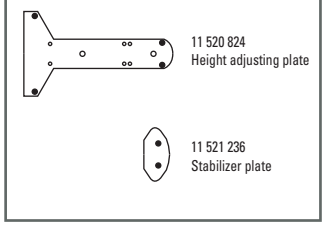
Eyepieces

4



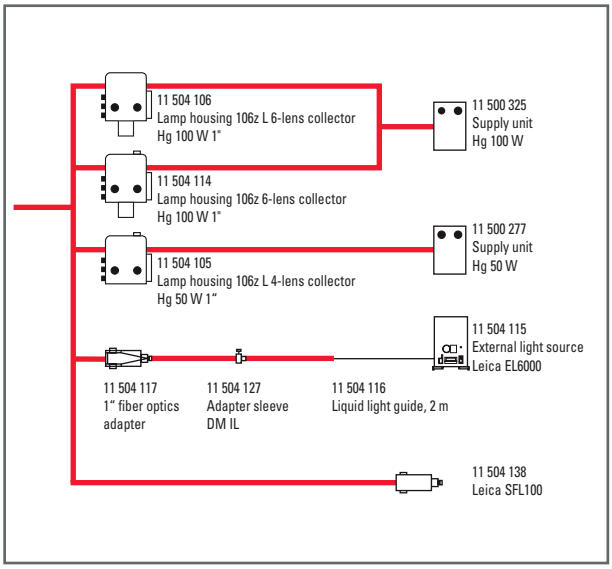
Plates

3

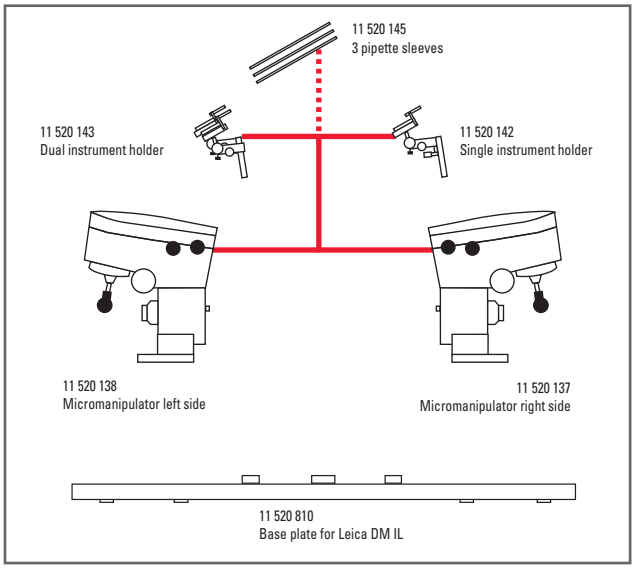


Fluorescence lamp housings

5



Micromanipulation



The Leica DM IL LED "Package Special"

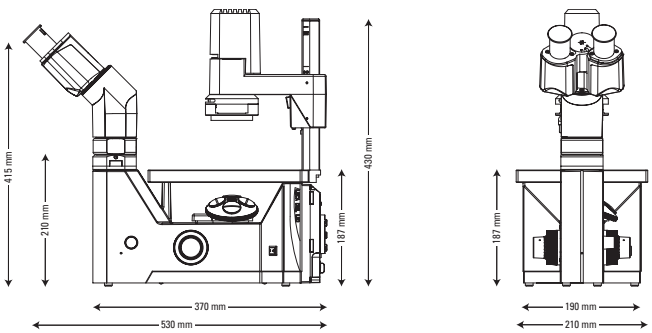
Transmitted-light illuminator
– 5 watt LED illumination
– Automatic adjustment of illumination to the contrast methods
– "Auto-off" function
– Illuminated on/off switch
– LED with service life of 50,000 hours
– Constant color temperatures, transmitted-light filter

Phase contrast
– For all magnification levels between 5x and 63x
– For all Leica DM IL LED condensers
– No installation or adjustment required

Integrated Modulation Contrast (IMC)
– For all magnification levels between 10x and 40x
– No special objectives required
– For all Leica DM IL LED condensers

Fluorescence
– Slider with three filter cubes with stray-light suppression
– Simultaneous use with transmitted-light contrasting
– Integrated shutter
– Fiber optic coupling (Leica EL6000)
– 50 W/100 W Hg illumination, fluorescence LED illumination (Leica SFL100)

Cost-effective and efficient
– Low energy costs
– No lamp replacement required
– Objectives and eyepieces are compatible with the research stands



www.leica-microsystems.com

Compact and stable
– Lean and sturdy design
– Plenty of room for operation
– Low stage height
– Large dimensions and low center of gravity of microscope
– Large working distances, condensers

Flexible and modular
– Different unheated and heated stages
– 3-plate stages
– Large number of tubes with and without photo port
– Full range of optical components
– Comprehensive application hardware can be adapted
– Contrasting techniques can be retrofitted
– External power supply unit

Wide variety of applications
– Cell biology, micromanipulation (injection, IVF, ICSI)
– Medicine, biotechnology, inspection of cell and tissue cultures
– Developmental biology, transgenics,
– Fluorescence applications such as GFP labeling, molecular biology

Outstanding optics
– HC optics, compatible with high-end components
– Field of view 20 mm

Ergonomics
– Simple and intuitive operation
– Variable viewing heights and stand heights
– All controls are easy to reach
– Unobstructed view of the specimen
– Revolving tubes

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MICROSYSTEMS

Order no.: **English 914 675** - VII/09/DX/N.H.