

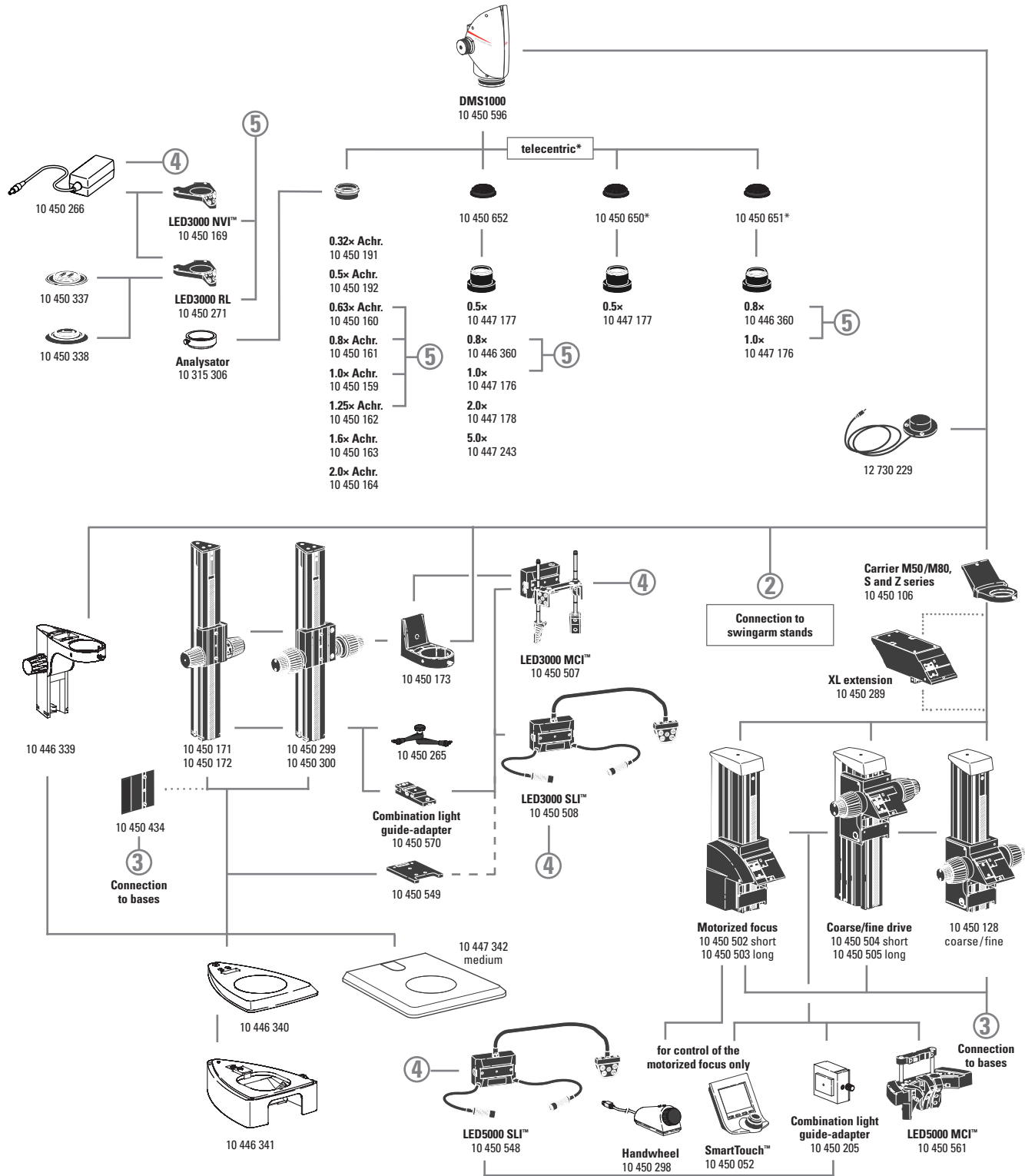
Living up to Life



# Leica DMS1000

System Diagram





## Zoom systems

10 450 596 Leica DMS1000 optics carrier with coded 8:1 zoom and built-in 5.0 MPixel CMOS camera

## Objectives and optical accessories

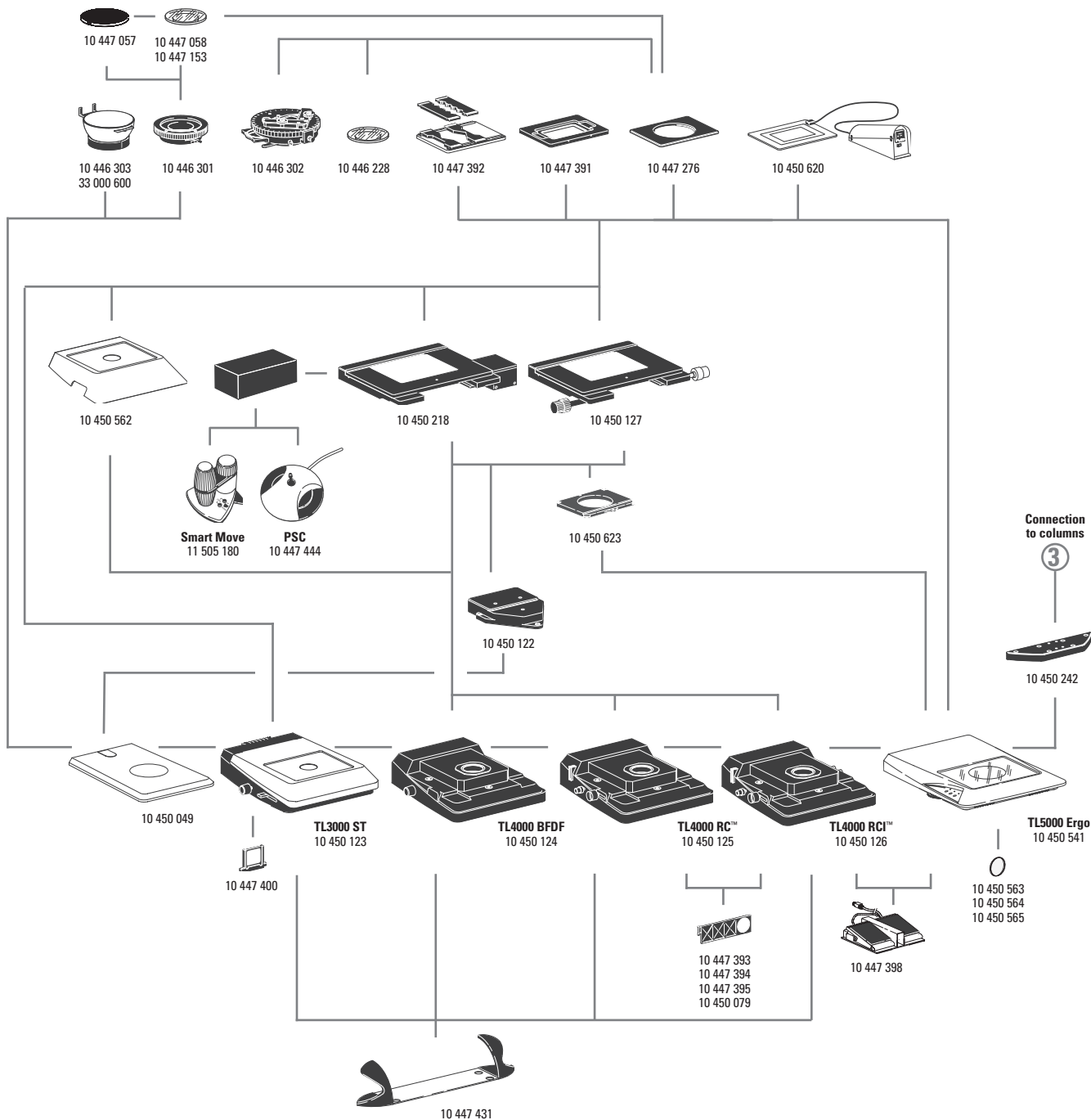
10 450 191 Achromatic objective 0.32×, working distance 303 mm, Ø 58 mm  
 10 450 192 Achromatic objective 0.5×, working distance 188.5 mm, Ø 58 mm  
 10 450 160 Achromatic objective 0.63×, working distance 148 mm, Ø 58 mm  
 10 450 161 Achromatic objective 0.8×, working distance 114 mm, Ø 58 mm  
 10 450 159 Achromatic objective 1.0×, working distance 89.6 mm, Ø 58 mm  
 10 450 162 Achromatic objective 1.25×, working distance 65.5 mm, Ø 58 mm  
 10 450 163 Achromatic objective 1.6×, working distance 46 mm, Ø 58 mm  
 10 450 164 Achromatic objective 2×, working distance 27.4 mm, Ø 58 mm  
 10 450 652 Adapter M60 body to M42 objective thread  
 10 447 177 Objective 0.5× Planapo  
 10 446 360 Objective 0.8× Planapo  
 10 447 176 Objective 1.0× Planapo  
 10 447 178 Objective 2.0× Planapo  
 10 447 243 Objective planapo 5.0×/0.5, wd = 19 mm  
 10 450 650 Adapter-Telecentric, 0.5× Planapo  
 10 450 651 Adapter-Telecentric, 0.8× & 1.0× Planapo  
 10 315 306 Analyzer, Ø 58 mm

## Illumination

10 450 271 LED3000 RL – ring illuminator, for Ø 58 mm objectives, 24 power LEDs  
 10 450 337 Polarization set for Leica LED3000 RL  
 10 450 338 Diffuser for Leica LED3000 RL  
 10 450 169 LED3000 NVI™ – vertical illuminator for Ø 58 mm objectives, for 60 – 150 mm working distance  
 10 450 508 LED3000 SLI™, spotlight illuminator, double-armed gooseneck 300 mm long, with 2 power LEDs, 5600 K color temperature  
 10 450 507 LED3000 MCI™, multi-contrast illumination with 4 power LEDs  
 10 450 549 LED3000 SLI™/MCI™ adaptor for installation between the focusing column and baseplate  
 10 450 265 Arm, clampable, for lampholder M5/M6  
 10 450 570 Combination light guide-adaptor to focusing columns of the routine M series, for LED3000 SLI™ and LED3000 MCI™  
 10 450 548 LED5000 SLI™, spotlight illuminator, double-armed gooseneck 500 mm long, with 2 power LEDs, 5600 K color temperature  
 10 450 266 Power supply for LED3000/LED5000  
 10 450 561 LED5000 MCI™, multi contrast illumination – Gen 2 with 9 power LEDs, and two adjustable angle lights  
 10 450 548 LED5000 SLI™, spotlight illuminator, double-armed gooseneck 500 mm long, with 2 power LEDs, 5600 K color temperature

## Focusing drive

10 450 504 Coarse/fine focusing drive with profile column 420 mm  
 10 450 505 Coarse/fine focusing drive with profile column 620 mm  
 10 450 502 Motorized focus with profile column 420 mm  
 10 450 503 Motorized focus with profile column 620 mm  
 10 450 128 Coarse/fine focusing drive with profile column 420 mm, for M125  
 10 450 171 Coarse focusing drive with profile column 300 mm  
 10 450 172 Coarse focusing drive with profile column 500 mm  
 10 450 299 Coarse/fine focusing drive with profile column 300 mm



- 10 450 300 Coarse/fine focusing drive with profile column 500 mm
- 10 450 173 Microscope carrier for M series with 76 mm interface
- 10 446 339 Focusing drive with integrated microscope carrier
- 10 450 434 Spacer for routine columns on high-performance bases

### Controls

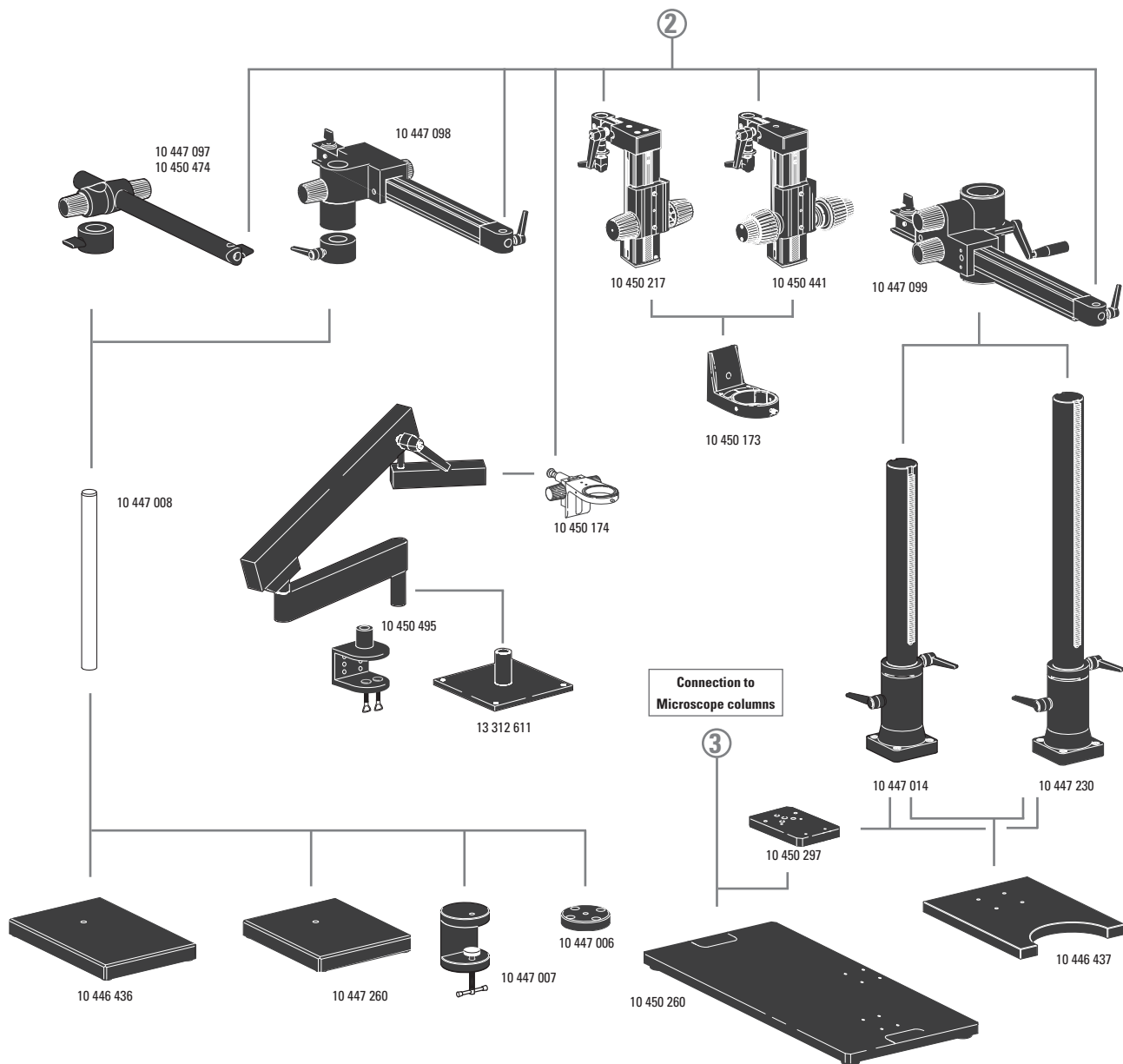
- 11 505 180 Leica Smart Move control unit for Leica IsoPro™ motorized cross-stage
- 10 447 444 Leica PSC control unit for Leica IsoPro™ motorized stage
- 10 450 052 SmartTouch™, external control unit with integrated touchscreen for controlling all functions
- 10 450 298 Manual controller for motorized focus
- 10 447 398 Footswitch for motorized stereomicroscopes
- 12 730 229 Leica Palm-/ Footswitch

### Incident light and transmitted light bases

- 10 450 049 Incident light base large
- 10 447 342 Incident light base medium
- 10 446 340 Incident light base small
- 10 446 341 Sub-base for transmitted light with reflector for 10 446 340
- Cold light source with light guide required
- 10 450 242 ST Adapter column on TL Bases
- 10 450 123 Transmitted light base TL3000 ST with bright field (HF) and single-sided dark field (DF)
- 10 447 400 Daylight filter for TL3000 ST base
- 10 450 124 TL4000 BDF transmitted light base for external cold-light sources with HF and circular DF
- 10 450 125 Transmitted light base TL4000 RC™ for external cold-light sources with HF, single-sided DF and Rottermann Contrast™ (RC)
- 10 450 126 Transmitted light base TL4000 RCI™ with HF, DF, RC
- 10 447 393 Filter ND (gray filter) for base TL4000 RC™/RCI™
- 10 447 394 BG38 filter for base TL4000 RC™/RCI™
- 10 447 395 UV filter for TL4000 RC™/RCI™ base
- 10 450 079 Daylight filter for base TL4000 RCI™
- 10 450 541 Transmitted light base TL5000 Ergo with integrated LED illumination, automatic contrasting, HF, double-sided DF and RC
- 10 450 563 Milk-glass filter for base TL5000 Ergo
- 10 450 564 Green filter for base TL5000 Ergo
- 10 450 565 Polarization filter for base TL5000 Ergo
- 10 450 260 XL Universal Base for specimens up to 300 × 300 mm
- 10 447 431 Leica ErgoRest™ handrest for fatigue-free working

### Stages

- 10 450 562 Standard stage for transmitted light bases TL4000 BDF, TL4000 RC™ and TL4000 RCI™
- 10 450 127 Leica IsoPro™ Manual Cross-stage \*
- 10 450 059 Additional buttons for IsoPro™ Manual Cross-stage
- 10 450 218 Leica IsoPro™ Motorized Cross-stage\*
- \*For TL4000 BDF, TL4000 RC™, TL4000 RCI™ transmitted light bases and incident light base (with adapter 10 450 122)
- 10 450 122 Adapter between cross-stage and incident light base 10 450 049
- 10 450 623 Adapter between cross-stages 10 450 218 / 10 450 127 and TL5000 Ergo



- 10 450 620 Leica MATS TL heating stage insert with control unit for TL bases
- 10 447 276 Adapter for stages with  $\varnothing$  120 mm
- 10 447 391 Stage for LiveOnStage accessories
- 10 447 392 Universal carrier for Petri dishes, specimen slides, etc.
- 10 446 301 Gliding stage,  $\varnothing$  120 mm
- 10 447 153 Glass plate matte,  $\varnothing$  120 mm
- 10 450 057 Stage plate black / white,  $\varnothing$  120 mm
- 10 450 058 Stage plate b/w for TL bases,  $\varnothing$  120 mm
- 10 446 302 Polarization stage,  $\varnothing$  120 mm
- 10 382 130 Attachable mechanical stage for polarization stage
- 10 361 719 Red compensator 1 for Pol rotating stage
- 10 446 303 Cup stage,  $\varnothing$  120 mm
- 33 000 600 Cup stage,  $\varnothing$  120 mm, surface  $\varnothing$  150 mm, revolving
- 10 446 228 Glass stage plate with Pol,  $\varnothing$  120 mm
- 10 447 260 Baseplate, small
- 10 446 436 Baseplate, medium
- 10 447 008 Vertical column 470/35 mm
- 10 447 097 Horizontal arm ESD, 500 mm
- 10 450 474 Horizontal arm ESD, 290 mm
- 10 447 098 Standard horizontal arm
- 10 447 006 Flange
- 10 447 007 Stage clamp
- 10 446 437 Baseplate, large
- 10 447 014 Vertical column 560/57 mm
- 10 447 230 Vertical column 800/57 mm
- 10 447 099 Horizontal arm, large
- 10 450 495 Flex-arm stand with table clamp
- 13 312 611 Table holder for flex-arm stand
- 10 450 174 Inclinable focusing drive
- 10 450 217 Focusing drive with inclinable column, not with baseplate small
- 10 450 441 Coarse/fine focusing drive with inclinable column, not with baseplate small
- 10 450 173 Microscope carrier for focusing drive 10 450 217
- 10 450 260 Universal plate XL for specimens up to 300 x 300 mm
- 10 450 297 Adapter for universal plate 10 450 260 for all swing arm columns
- 10 450 289 XL extension – for positioning Leica Stereomicroscopes on the universal base XL 10 450 260

**Spare parts (service items)**

- 19 004 872 HDMI cable (2 m)
- 19 004 871 USB cable (1.8 m)
- 13 302 708 946 915 5 W USB adapter with interchangeable connector
- 19 004 873 RC2 remote control
- 19 004 870 SD card (4 GB)

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