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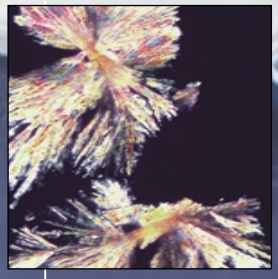
Find the *Carl Zeiss Axiostar Plus* at our website: ***Click HERE***

Axiostar plus

Price Meets Performance







Carl Zeiss Light Microscopy. Great From the Start.

ZEISS

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A Big Plus for Economy

Developed for practices, clinics, laboratories, for universities and training courses, for medicine, pharmacology and biology, for chemistry and the environmental sciences: Axiostar plus, the versatile microscope from Carl Zeiss. A genius in economy with the Carl Zeiss plus-point guarantee for cost-effective performance. A plus for easy and fatigue-free operation. A plus for individual solutions: you only pay for what you need. A plus for a safe investment: flexible for upgrades. And a plus for renowned Carl Zeiss quality, at all levels and in every detail. In other words: Your decision for Axiostar plus is a long-term decision for an intelligent investment. For years to come.






++ laboratories ++ clinics ++ course rooms ++ fieldwork

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Axiostar plus



+	**Safe investment:**	flexible for upgrades – right up to advanced fluorescence microscopy
+	**Individual solutions:**	you only pay for what you need
+	**Comfort:**	easy and fatigue-free operation
+	**Quality:**	Carl Zeiss excellence at all levels

= Axiostar plus – a genius in economy

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An Eye on Ergonomics, a Finger on the Costs

Good work in the lab is based on speed and routine. Within seconds specimens have to be changed and samples analyzed – and all of this for hours on end. And it's then that you'll see if a microscope is really capable of delivering all that it promises: high performance and easy operation. Axiostar plus keeps all these promises. But not only that: Axiostar plus is a reliable partner for your work in addition to offering an attractive price/performance ratio.

Carl Zeiss optics – focus on quality

ICS optics (Infinity Color-corrected System) are standard at Carl Zeiss. The objectives guarantee brilliant, color-corrected and high-contrast results, meeting all the demands you place on image quality. Even the intermediate image is corrected, thus ensuring that the camera and eyepiece image are equally good. Infinity is ideal for the integration of further optical components such as the Axiostar plus fluorescence module. And Axiostar plus also features Köhler illumination for even illumination of the object field through the optimal use of light.



Ergo-baseplate

30° Phototube

Mechanical stage

Stage drive

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Mechanical stage – hard surface with a "soft touch"

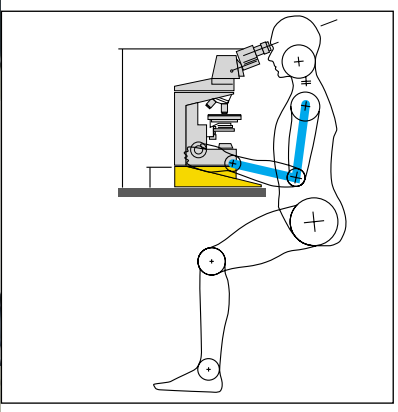
The many intelligent details of the mechanical stage are resounding proof that function and comfort are working hand in hand. With its scratch-proof ceramic surface, the stage is both large and sturdy. The verniers are easy to read and the ergonomic stage drive moves the mechanical stage into the desired position. For added comfort, the stage drives are made with a "soft-touch" material that you will soon find indispensable. A further plus: the adjustable drive extension and drive friction that makes it possible for you to do precision work faster and better.

Ergonomy – Science plus design

From the tube to the foot of the stand: every inch of the microscope enables relaxed, concentrated and efficient work. Variable: the patented swing mechanism of the binocular tube. Adjustable: the viewing heights with its constant 30° viewing angle. And special: the ergo-baseplate, which has been designed in accordance the latest scientific findings.

Ergo-base – with 16 positions it's only a question of setting

Unique: The ergo-baseplate provides you with the suitable basis for lengthy assignments. While your fingers do the work, your wrists rest comfortably on the base at the foot of the stand. Adjustable both in height and angle, the ergo-base offers a total of 16 different settings. Axiostar plus: the microscope with completely new standards in ergonomics.



A unique plus point for the ergonomics: the combination of 30° tube and height-adjustable ergo-base.

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Investing in the Future

The continual setting up and dismantling of microscopes by both experienced users and novices presents a daily challenge to the mechanics of Axiostar plus. A challenge which it easily masters – just as Carl Zeiss quality easily stands up to the strains and stress of microscope use in universities and education. But Carl Zeiss quality also includes a knowledge of what is required in practical use. For example: co-observation, a worthwhile investment, particularly when it comes to education.

Stability – so you'll enjoy today's benefits tomorrow

The more a microscope is used, the more worthwhile it is to invest in quality. Solid design and mechanical integrity guarantee lasting value and long operational life – even after years of use in courses and training. Because what remains are precise stage positioning and perfectly aligned objectives. Moreover, the nosepiece is sturdy in construction while the lenses deliver brilliant images, for today and for years to come. And through its robust pyramid-shaped stand, Axiostar plus is so stable it can face the toughest challenges in the future.

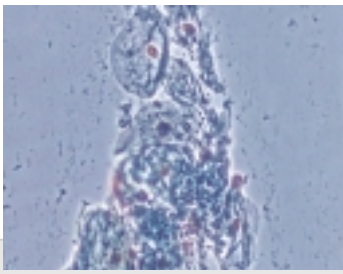
Dual tube – four eyes see more

Two in one: Axiostar plus with the dual tube. The ideal solution for joint discussion, evaluation or processing of original microscopic specimens in a two-person team. A worthwhile and economical investment, particularly for teaching purposes in course rooms.



Thanks to its solid design and modular system, Axiostar plus will meet all of your requirements for years to come.

Phase contrast



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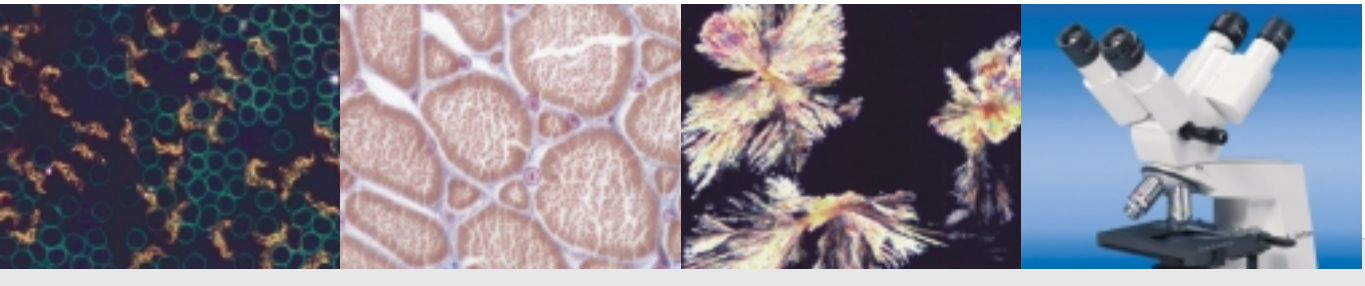
Axiostar plus



Efficiency – twice as good

Co-observation is efficient in two ways. First, both observers can remain at their workstations while examining the specimen. Second, they are both exactly informed as to what is important: A red luminous pointer allows them to identify specimen details for discussion. The pointer is freely movable throughout the object field and its brightness can be matched to that of the specimen. A conveniently accessible joystick ensures easy operation.

Darkfield **Brightfield** **Polarization** **Dual tube**



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Components for Growth



Whether you require phase contrast, qualitative polarization contrast or brilliant fluorescence – Axiostar plus grows with your individual needs. You can upgrade or convert this microscope to precisely what you need. You can decide how to best exploit the potential of Axiostar plus for your laboratory work. Take advantage of its numerous applications and equip this genius in economy from Carl Zeiss with exactly those components that will drive your success forward!



Reflector slider

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Fluorescence – room for demanding requirements

Exploit the potential of Axiostar plus through the fluorescence module with linear slider and three filter positions. Get the brilliant results you have come to expect from all Carl Zeiss fluorescence techniques. It's ideal for single and double stained fluorescence, for example in immunofluorescence or with simple FISH applications. HBO light sources provide the right spectral light intensity and the integrated light trap guarantees high contrast images. And more than that: the modules can be rapidly changed using the convenient Push&Click mechanism. In a nutshell: With Axiostar plus you can find the same quality as in the large research microscopes from Carl Zeiss.

Condensers – open for many contrasting techniques

Axiostar plus lets you choose which condenser you would like to use. With five positions, the Abbé turret offers all important contrasting techniques: brightfield, darkfield and phase contrasts 1, 2, 3. The Abbé slider condenser accepts sliders with two darkfield apertures as well as sliders with phase apertures 1, 2, 3. And remember: For optimal darkfield, you can use three different darkfield condensers.



Push&Click filter modules

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We've Left no Stone Unturned

The wider the range of applications, the greater the flexibility. From laboratory and clinic to training courses and university right through to fieldwork: Axiostar plus is well prepared to tackle numerous applications – and it doesn't even require local line voltage. With the help of an LED illuminator, Axiostar plus is particularly mobile since it ensures outstanding light for the microscope – even without local line voltage.



LED illumination – more than an option
With LED illumination, you can use local line voltage. Or you can simply use a battery or a power unit, which enables you to work up to 24 hours* independently of a power supply system. The quality of light corresponds to daylight and the color temperature remains stable, even in various settings of light intensity. In addition, it has a significantly longer operating life than that of conventional halogen illumination. And LED illumination is also very practical. If no power line is available, then you can simply operate the LED illumination using a car battery or the EGS 180.

Emphasis on flexibility: With LED illumination, Axiostar plus doesn't need a power supply system for up to 24 hours. Ideal for field work.

** Depends on selected intensity and power unit capacity.*



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Simple and Professional Documentation

It's important for you to document your results professionally – rapidly and at a low cost. Turn to Axiostar plus, the microscope that enables you to document your findings in numerous ways – ranging from classical drawing eyepieces right up to advanced digital imaging software such as AxioVision. Budget-oriented and versatile, this genius in economy will prove itself invaluable in all of your recording work. In addition, its wide range of adapters guarantee it can be attached to a variety of cameras, from analog to digital.

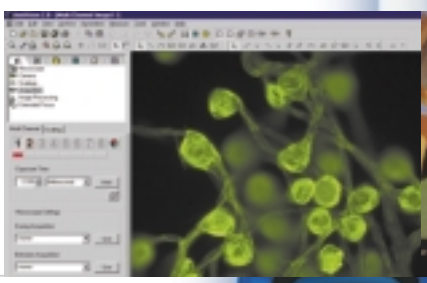
Choice of camera – why not budget-priced?

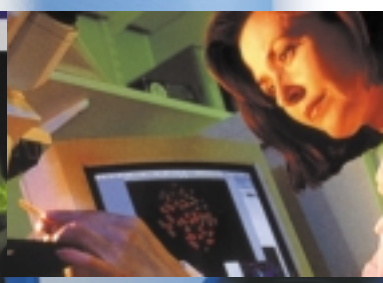
With its wide range of adapters Axiostar plus is compatible with all Carl Zeiss cameras, whether digital SLR, microscope or video. If you need economy, you will soon appreciate the flexibility that Axiostar plus offers. Even some cameras from other manufacturers can be adapted to the phototube. Our recommendation: the Sony S-Series digital compact camera. With its high-quality Carl Zeiss optics, it is ideally matched to Axiostar plus. Together they form a high-power team that provides outstanding image and color quality. And not only that: They are also easy to operate.

Image processing – digital level

Digital representation and presentation of your images: the basic software of the Sony camera provides a good start. AxioVision, the powerful software package for microscope documentation from Carl Zeiss takes you futher. It has been developed for advanced image processing, image analysis and image archiving. With numerous modules which not only meet all of your demands but also guarantee rapid and efficient work.





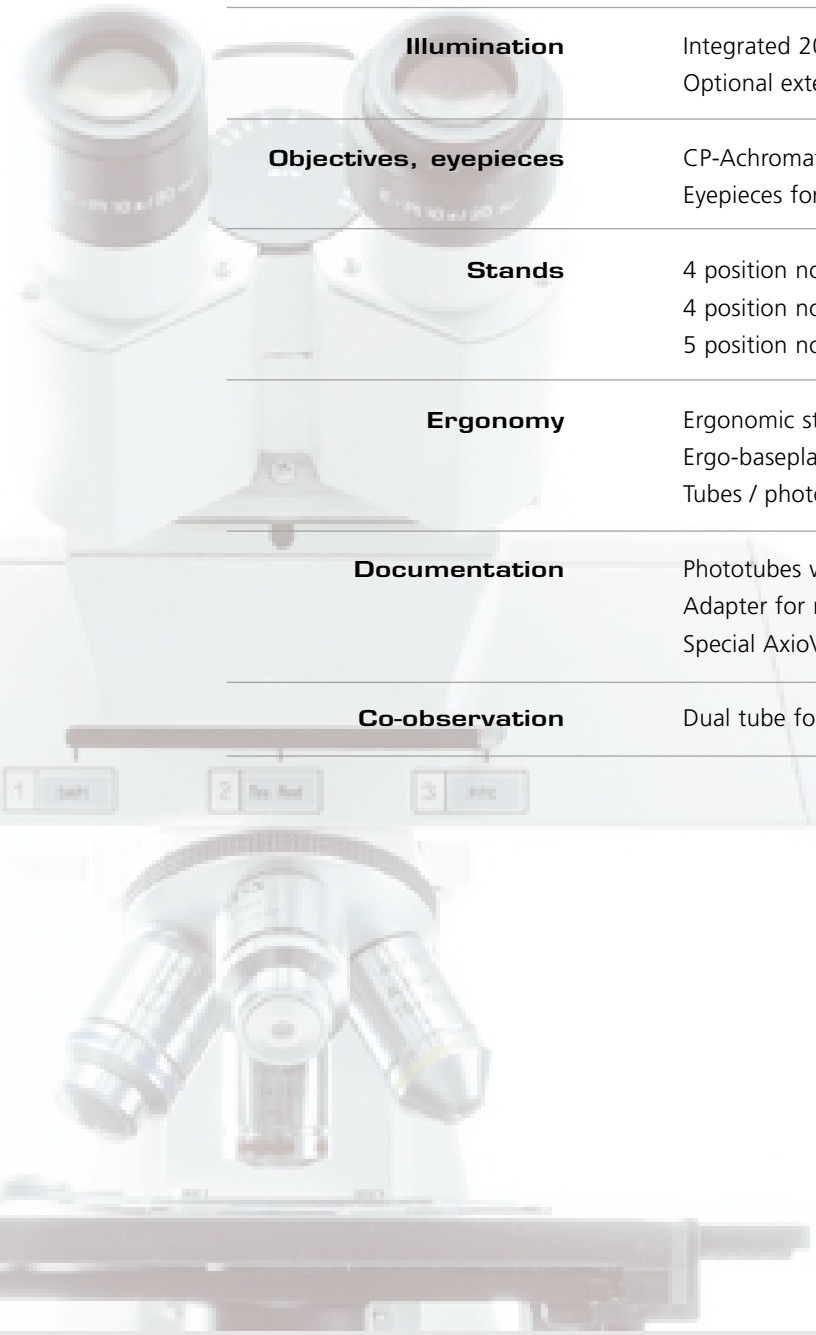




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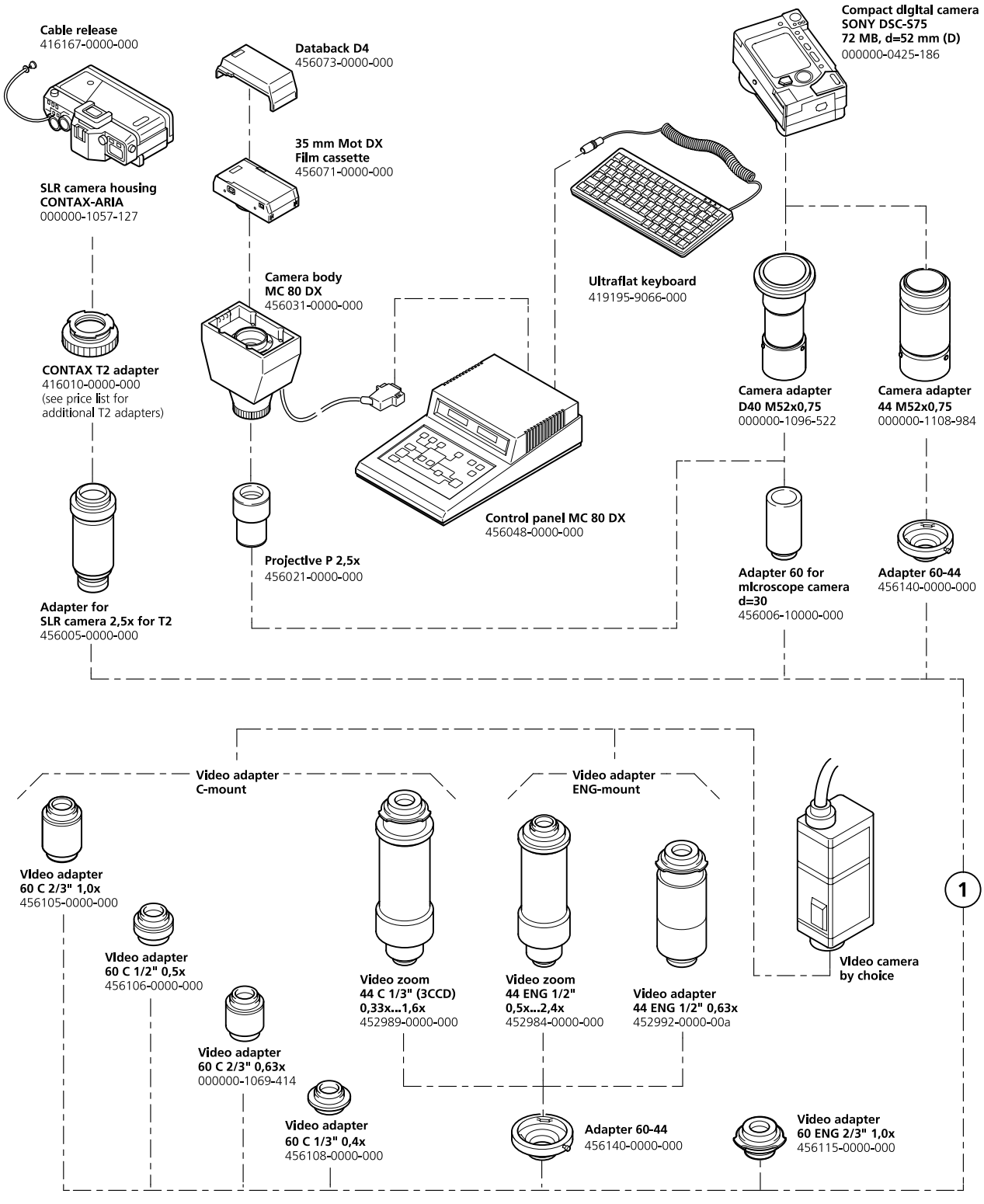
Axiostar plus – Facts and Details

Contrasting techniques	Brightfield, Darkfield, Phase contrast, Polarization contrast, Fluorescence contrast
Illumination	Integrated 20 W halogen lamps; Köhler illumination Optional external LED illumination, operated by battery
Objectives, eyepieces	CP-Achromat, A-Plan, Achroplan, Plan-Neofluar Eyepieces for fields of view of 18 mm or 20 mm; 10x
Stands	4 position nosepiece, stage drive right, condenser drive left 4 position nosepiece, stage drive left, condenser drive right 5 position nosepiece, stage drive right, condenser drive left
Ergonomy	Ergonomic stage drive, adjustable friction and height Ergo-baseplate with 16 ergo positions Tubes / phototubes with 30° ergo viewing angle
Documentation	Phototubes with 45° and 30° viewing angle Adapter for many camera models (analog and digital) Special AxioVision software
Co-observation	Dual tube for 2 people with luminous pointer



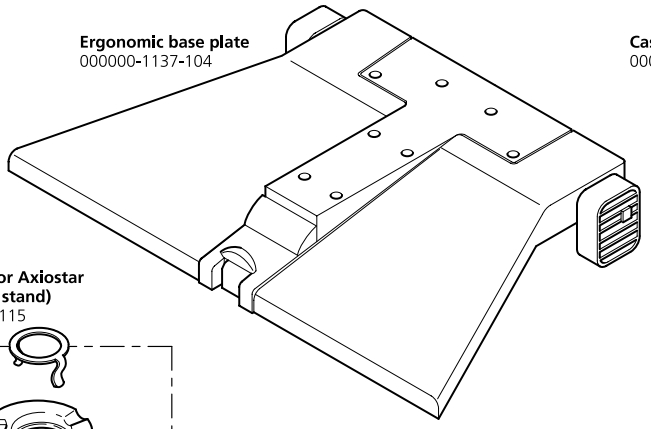
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Axiostar plus – A Genius in Economy Backed by a System

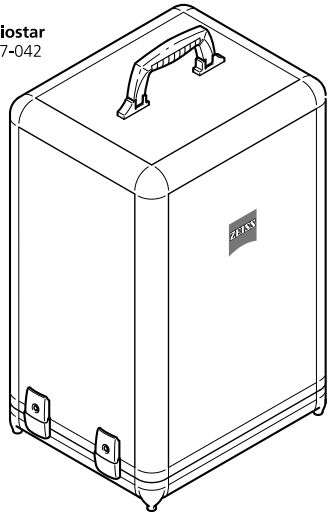


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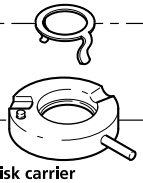


Ergonomic base plate
000000-1137-104



Case for Axiostar
000000-1027-042

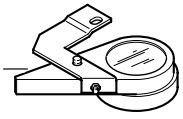
Filter clamp for Axiostar (contained in stand)
000000-1161-115



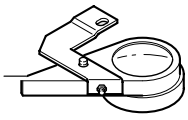
Colored disk carrier for filter d=32
451834-0000-000



Polarizer, fixed with lambda disk, rotatable
445226-0000-000



Swing-in polarizer
453617-0000-000



Swing-in wide-angle unit, d=8
445312-0000-000



White-balance filter
000000-1155-789



Polarization filter d=32
473600-0000-000



Light filter

a) Color filter (without socket)	
Interference wide-band filter green, d=32x4	467803-0000-000
Interference band filter green 546, d=32x3	467807-0000-000
Conversion filter CB 12, d=32x2	467850-9901-000
Conversion filter CB 6, d=32x2	467851-0000-000
Conversion filter CB 3, d=32x2	467852-0000-000
Conversion filter 3200-5500 K, d=32x2	467847-0000-000
b) Neutral filter (without socket)	
Neutral filter 0,25, d=32	467849-0000-000
Neutral filter 0,06, d=32x2	467848-0000-000
c) Gray filter (in socket)	
Gray filter 0,50, d=32, 2x	467840-0000-000
Gray filter 0,12, d=32	467841-0000-000
Gray filter 0,03, d=32	467842-0000-000
d) Heat reflection filter (without socket)	
Heat protection filter KG 1, d=32x2	467830-0000-000
Reflective heat protection filter, d=32x2	467832-0000-000



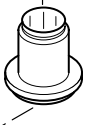
Ultra condenser 1,2/1,4 (0,75-1,0)
465500-0000-000



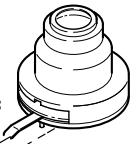
Dry darkfield condenser 0,8/0,95 (0,6-0,75)
465505-0000-000



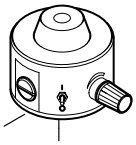
Dry darkfield condenser 0,7/0,85 (0,6-0,75)
465506-0000-000



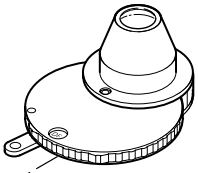
Darkfield condenser carrier
000000-1131-861



Abbe condenser 0,9/1,25
000000-1029-023



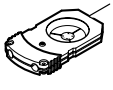
LED illuminator for Axiostar
000000-1069-919



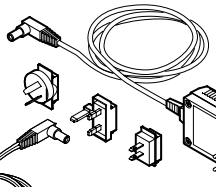
Abbe condenser with 5-position turret disk
000000-1092-585



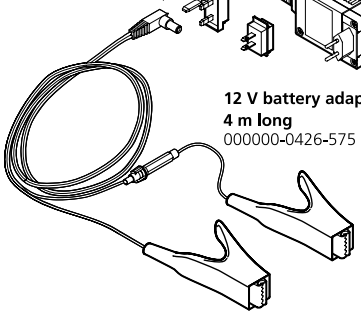
Slider for Ph 1
000000-1037-992
Slider for Ph 2
000000-1033-187
Slider for Ph 3
000000-1037-993



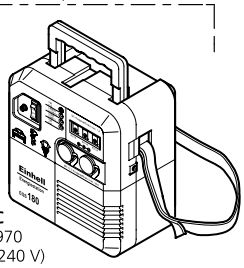
Slider for darkfield 0,25/0,9
000000-1037-994
Slider for darkfield 0,65/0,9
000000-1037-995



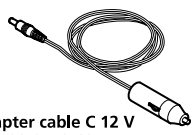
External power supply 12 V, 1,25 A
000000-1103-709

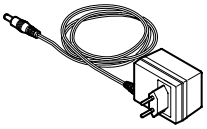


12 V battery adapter cable 4 m long
000000-0426-575



Battery pack C
000000-1065-970
(only for 230 - 240 V)





Adapter cable C 12 V
000000-0410-601

(2)

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Axiostar plus: The Sum Of All Benefits

+ Powerful	+ High-quality stand from Carl Zeiss + Contrasting techniques right up to fluorescence + Professional documentation and image processing + Optical principles of research microscopes
+ Stable	+ Robust metal design + Solid design + Long-lasting components + Continuous precision
+ Flexible	+ Modular design + Wide range of applications + Highly adaptable + Compatible with many additional components
+ Ergonomic	+ Easy operation + Sophisticated design + Unique: ergo-baseplate + Ideal viewing angle with 30° tube
= Economically	

Carl Zeiss
Light Microscopy

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