



Stereo microscopes for embryo collection

 **euromex**[®]



The following Euromex® microscopes were especially developed for veterinary centers and labs involved in embryo collection and transfer used in equine and bovine animal reproduction

A Euromex embryo transfer microscope is built of a ST.1735 stand with special tilting dark-and brightfield mirror and a dedicated LED illumination together with one of the available ZE stereo zoom heads

ST.1735 Stand with darkfield mirror and LED illumination

The tilting mirror of the ST.1735 stand enables different dark-and brightfield contrast illuminations for search and evaluation tasks as needed during embryo collection and transfer procedures

A dedicated adjustable LED (light emitting diode) illumination feature a better contrast than traditional microscopes equipped with other light sources

Delivered with 100-240 Vac 50/60 Hz power supply

ZE.1624 / 1654 / 1670 / 1671 Stereo Zoom microscope head

The super wide field eyepieces SWF 10x/23 of the ZE series stereo heads together with the highly light transmitting objectives and dedicated dark field mirror provide an outstanding image clarity with a large field of view and high contrast. This results in comfortable viewing

The magnification of the zoom objective of the Z-series can smoothly be adjusted through easy to operate ergonomic control knobs located on both sides of the microscope. Both tubes have diopter adjustment. The third tube of the trinocular versions allow the use of a digital or analog camera

A 7x-45x magnification is suitable for search of equine embryo's
A 10x-70x magnification is minimal recommended for search of bovine embryo's and evaluation of equine and bovine embryo's

ZE.1624 - binocular
ZE.1654 - trinocular

ZE.1670 - binocular
ZE.1671 - trinocular

Zoom objective 0.7x - 4.5x
SWF10x/23 eyepieces
Magnification 7x - 45x
Field of view 32 - 5.1 mm
Free working distance 93 mm

Zoom objective 1x - 7x
SWF 10x/23 eyepieces
Magnification 10x - 70x
Field of view 23 - 3.29 mm
Free working distance 104 mm

When using the photo tube of the ZE.1671 the image remains visible in both eyepieces

Options:

AE.1834 Pair Super Wide Field 12.5x / 20 eyepieces
AE.1837 Pair Super Wide Field 15x / 16 eyepieces
AE.1838 Pair Super Wide Field 20x / 11.5 eyepieces

AE.5439 Eyeshades for all eyepieces
AE.5425 Eyeshades for spectacle wearers, for all eyepieces

DC.1300x CMEX 1.3 Mpix CMOS USB-2 digital camera inclusive capture software
DC.5000 CMEX 5 Mpix CMOS USB-2 digital camera inclusive capture software

VC.3032 CCD camera with S-video and composite video output (without objectif)
AE.5015 Objectif for VC.3032 CCD camera
VC.3516 15 inch color monitor for VC.3032
VC.3521 20 inch color monitor for VC.3032

