

Model
Optical System Observation tube Interpupillary distance

Trinocular light split
Inclination
Eyepieces
Nosepiece
Objective classification
Objectives

Objective mounting thread
Stage
Stage size
Condenser
Free Working Distance
Focus mechanism
Fine Focus precision
Z-axis movement
Illumination

Light features
Transformer
Power supply
Accessories included

Dimensions
Weight

## AE31E Trinocular

The AE31 Elite is a upgraded inverted microscope with an extended focus on practical aspects. The Auto-OFF via IR sensor has been implemented, as well as the new Light Memory function that will recall the last light intensity setup when changing to the respective objective. The AE31 Elite works with the newest generation of LWD Plan Achromatic lenses. Upgrade options like Fluorescence are still strong features within this Inverted microscope series.

## AE31Elite Trinocular

Colour Corrected Infinity Optical System (CCIS®)
Trinocular head, Siedentopf type
$48-75 \mathrm{~mm}$
100:0/20:80 (Optional 100:0/0:100)
$45^{\circ}$ inclined
WF10X/22mm with diopter adjustment, +/- 5 diopter
Left side facing quintuple revolving nosepiece
Infinity Corrected CCIS Plan Achromat, DIN
4X/0.10 (WD 23.5mm), PH10X/0.25 (WD 7.5mm), LWD PH20X/0.40 (WD 7.0mm), LWD PH40X/0.50 (WD 3.0mm) W 4/5" x 1/36" (RMS standard)

Hard coated stage with metal and glass stage inserts
200x239mm
ELWD condenser N.A. 0.30 (WD 72mm) with diaphragm Working distance without condenser 231mm
Coaxial coarse and fine focusing system with tension adjustment $2 \mu \mathrm{~m}$ minimum increment

10 mm
External lamphouse, 6V/30W Quartz Halogen or 3W LED Koehler illumination with intensity control
Auto-OFF and Light Memory function
Internal
100-240V (CE)
Blue, green interference and ground glass filters, phase ring Ph1, centering telescope, centering keys, spare fuse and dust cover
$556 \times 200 \times 529$
$11,7 \mathrm{Kg}$

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