UNITRON®

Z730
ZOOM STEREO MICROSCOPE



Binocular Z730
with plain focusing stand
CAT# 13200



Trinocular Z730
with plain focusing stand
CAT# 13230
CAT# 132-25-05

EXCELLENCE BY DESIGN SINCE 1952

High Quality Performance

The UNITRON Z730 Series with a 4.3:1 zoom ratio is an ideal choice for industrial inspection, assembly, quality control, OEM integration, research and education applications. Featuring outstanding optics and a large field of view with a high depth of focus, the Z730 reduces sample handling times allowing for faster inspections and a more efficient work process. The Z730 Series is available with a binocular or trinocular viewing head (45° viewing angles).

Key Features

Optional camera or camera with monitor (requires trinocular head and adapter).

Eyepieces can be locked in to prevent damage.

Adjustable interpupillary distance for comfortable viewing.

Choice of binocular or trinocular (fixed 50:50 to eyepieces and camera).

0.7x – 3.0x zoom range. Knobs on both sides of microscope body for operation with either hand.

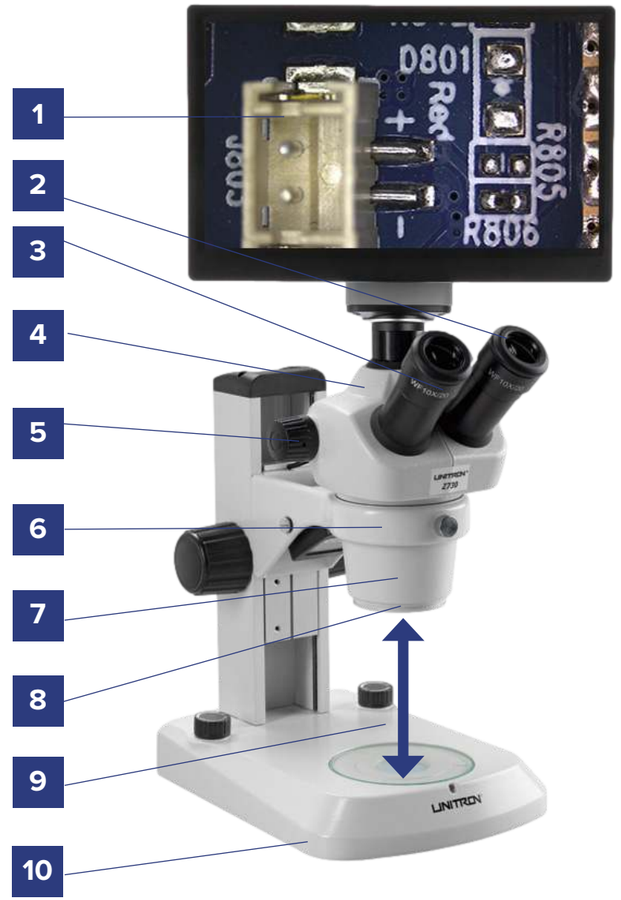
Ø76mm body fits standard stereo microscope focus mounts.

Greenough optical design delivers dependable 3-dimensional views of the sample.

1x protective glass lens shield with mounting groove for ring lights.

97mm working distance (with 1x objective) for easy access to sample.

Variety of illuminated and non-illuminated stands to meet your needs. External illumination (e.g., ring or goose neck lights) also available.



A Wide Variety of Solutions

A wide range of stands and illumination options are available to meet the needs of any application.

UNITRON offers plain focusing stands, LED stands, boom stands, articulating (flex) arm stands, pole stands, diascopic illumination stands, plus a variety of LED ring lights and fiber optic Illuminators.



Trinocular Z730 with pole stand
CAT# 13234 / CAT#132-25-05



Trinocular Z730 with LED stand and Excelis HDS camera and attachable monitor
CAT# 13231
CAT# AU-600-HDS
CAT# 132-25-05



Binocular Z730 with flex arm stand
CAT# 13207



Binocular Z730 with boom stand
CAT# 13205



Trinocular Z730 with ball bearing boom stand
CAT# 13236

Z730
ZOOM STEREO MICROSCOPE

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Specifications

Optical System	Greenough optical design; 0.7x - 3.0x zoom range
Viewing Body	45° inclined binocular or trinocular viewing head, 76mm body; trinocular has fixed 50/50 split between eyepieces/camera; 52mm-75mm interpupillary distance
Eyepieces	WF10x/20mm; WF15x/16mm; WF20x/12.5mm; all with diopter adjustment
Magnification	7x – 30x magnification range with 10x eyepieces and included 1x glass lens shield
Auxillary Objectives	Optional: 0.5x, 0.63x, 0.75x, 1x, 2x
Working Distance	97mm with included 1x objective. With optional auxiliary objectives: 180mm with 0.5x, 140mm with 0.63x, 120mm with 0.7x, 30mm with 2x.
Stands & Illumination	Variety of plain focusing stands, pole stands, diascopic stands, boom stands, ball bearing boom stands, articulating arms; wide variety of ring lights and fiber optic illuminators
Camera Adapters (trinocular models only)	Optional: 0.5x C-mount adapter
Digital Cameras	*Excelis*™ and Teledyne Lumenera® digital cameras
Warranty	5 year limited warranty for parts and labor; 1 year warranty on electronic components and LED bulb

Optical Data

Auxilary Objective	Working Distance (mm)	EYEPIECE					
		WF10x/20mm		WF15x/16mm		WF20x/12.5mm	
		Magnification Range	FOV (mm)	Magnification Range	FOV (mm)	Magnification Range	FOV (mm)
1x	97	7x – 30x	25.7 – 6	10.5x – 45x	20.0 – 4.7	14x – 60x	15.7 – 3.7
0.5x	180	3.5x – 15x	51.4 – 12	5.2x – 22.5x	40.0 – 9.4	7x – 30x	31.4 – 7.4
0.63x	140	4.4 – 18.9x	43.9 – 10.6	6.6x – 28.3x	31.7 – 7.4	8.8x – 37.8x	24.9 – 5.8
0.75x	120	5.25x – 22.5x	38.6 – 9	7.8x – 33.75x	30.0 – 7.1	10.5x – 45x	23.6 – 5.6
2x	30	14x – 60x	12.8 – 3	21x – 90x	10.0 – 2.3	28x – 120x	7.9 – 1.8

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ISO 9001:2015 ISO 14001:2015 RoHS