3075 Series
Zoom Stereo Microscope

ACCU-SCOPE®

MICROSCOPY & IMAGING SOLUTIONS



Empowering Discovery. Advancing Results.



The ACCU-SCOPE 3075 Series Zoom Stereo Microscopes are easy to use. Featuring a 0.67x – 4.5x zoom range, the 3075 Series delivers sharp, high resolution, 3-dimensional views of your samples. With binocular and trinocular viewing options, the 3075 Series provides robust, dependable performance with a variety of stands to suit your application. 3075 models have binocular observation, and 3076 models have trinocular observation via the included camera port (fixed 50:50 light split between eyepieces and camera) and is ideal for imaging, instruction or documentation (requires camera and adapter).

Catalog #	Stand	Illumination
3075/3076	LED (top and bottom) Stand	Yes
3075-LED-E/3076-LED-E	LED (top and bottom) Stand	Yes
3075-LED/3076-LED	LED (top and bottom) Stand	Yes
3075-CF/3076-CF	LED (top and bottom) Stand	Yes
3075-DIA/3076-DIA	Diascopic Stand	Yes
3075-PFS/3076-PFS	Plain Focusing Stand	No
3075-PS/3076-PS	Pole Stand	No
3075-BS/3076-BS	Boom Stand	No
3075-BBS/3076-BBS	Ball Bearing Boom Stand	No
3075-GBS/3076-GBS	Gliding Boom Stand	No
3075-FA/3076-FA	Articulating “Flex” Arm Stand with C-Clamp	No
3075-GS/3076-GS	Gem Stand	Yes
3075-BS-LED5	Boom Stand	Yes (ring light)

Key Features

1. Optional camera or camera with monitor (requires trinocular head and adapter).
2. Student-proof eyepieces are locked in place.
3. Adjustable interpupillary distance for comfortable viewing.
4. Choice of binocular or trinocular viewing head with camera port (3076 models only).
5. 0.67x – 4.5x zoom range. Knobs on both sides of microscope body for operation with either hand.
6. Greenough optical design delivers dependable 3-dimensional views of the sample.
7. Ø76mm body fits standard stereo microscope focus mounts.
8. Variety of illuminated and non-illuminated stands to meet your needs. External illumination (e.g., ring or gooseneck lights) also available.



3076-LED shown with optional Excelis™ HDS (CAT# AU-600-HDS)

3075-LED-E



3075-DIA



3075-GS



3076-BBS



Shown with optional Excelis™ HDS (CAT# AU-600-HDS)

3075-FA



Shown with optional LED ring light (CAT# 15864)

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SPECIFICATIONS

Viewing Bodies	Binocular or trinocular viewing head, inclined 45°; trinocular viewing head 50:50 light split
Optical System	6.7x-45x magnification range (with 10x eyepieces); 0.67-4.5x zoom objective; 100mm working distance
Eyepieces	WF10x/22mm focusable eyepieces with eyeguards; interpupillary distance 54-76mm
Focusing System	Each stand features large, dual focusing knobs with adjustable tension control for rapid and easy focusing
Stands	Available with incident and transmitted LED light bases, diascopic, plain focusing, pole, boom, ball bearing boom, gliding boom, or articulating arm stands
Accessories	Universal power supply - 110v-240v, dust cover, instruction manual included
Optional Accessories	Eyepieces: WF10x/22mm focusable eyepiece with 10mm/100 division reticle with cross-line, WF15x/16mm eyepiece with built-in diopter adjustment & eyeguard; WF20/12mm eyepiece with built-in diopter adjustment and eyeguard Auxiliary Objectives: 0.3x, 0.4x, 0.5x, 0.75x, 1.0x, 1.5x, 2.0x. Refer to optical data table for working distances, magnification ranges and fields of view Illuminators: LED ring illuminators, fiber optic illuminator Miscellaneous: digital microscopy cameras, c-mount adapters, microscope carry case
Warranty	5 year limited warranty for parts, labor and electronic components; 1 year warranty on LED bulb

OPTICAL DATA

OBJECTIVE		0.3X	0.4X	0.5X	0.75X	1X (standard)	1.5x	2X
WORKING DISTANCE		287mm	217mm	177mm	117mm	100mm	47mm	26mm
10x Eyepieces	Magnification	2.0x-13.5x	2.7x-18x	3.4x-22.5x	5.0x-33.8x	6.7x-45.0x	10.1x-67.5x	13.4x-90.0x
	Field of View (mm)	109.5-16.3	82.1-12.2	65.7-9.8	43.8-6.5	32.8-4.9	21.9-3.3	16.4-2.4
15x Eyepieces	Magnification	3.0x-20.3x	4.0x-27.0x	5.0x-33.8x	7.5x-50.6x	10.1x-67.5x	15.1x-101.3x	20.1x-135x
	Field of View (mm)	79.6-11.9	59.7-8.9	47.8-7.1	31.8-4.7	23.9-3.6	15.9-2.4	11.9-1.8
20x Eyepieces	Magnification	4.0x-27.0x	5.4x-36.0x	6.7x-45.0x	10.1x-67.5x	13.4x-90.0x	20.1x-135.0x	26.8x-180x
	Field of View (mm)	59.7-8.9	44.8-6.7	35.8-5.3	23.9-3.6	17.9-2.7	11.9-1.8	9.0-1.3

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