

Compact Size Zoom Microscope

DZ4-T/E

Features1

Lightweight / Compact

Reviewing all the design of optical system to realize lightweight compact body
Being easier to be implemented into equipment as optical head

Features2

Zoom ratio 12 (0.83X to 10X)

Enhancing lower magnification side to get wider viewing field
Enhancing further workability and efficiency

Features3

Various kinds of objectives (5 kinds)

Magnification range covers 0.42x to 70x with these 5 objectives
Sample observation can be realized under optimum conditions such as high resolution, long working distance or wider viewing field

Features4

LED Illumination

In order to make its body compact, illumination is located at front or back



DZ4-T
Manual Type



DZ4-E
Motorized Type

Specifications of Main Unit

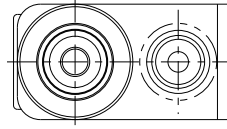
Correction System	Afocal	
Zoom Ratio	12	
Image Size	φ 8mm (1/2 CCD applicable, with C-Mount)	
Length Overall	174.5mm	
Weight	Manual type:900g	Motorized type:1,250g
	exclusive of objectives, camera & LED	
Illumination System	Coaxial Reflecting Illumination	

Specifications of Objectives

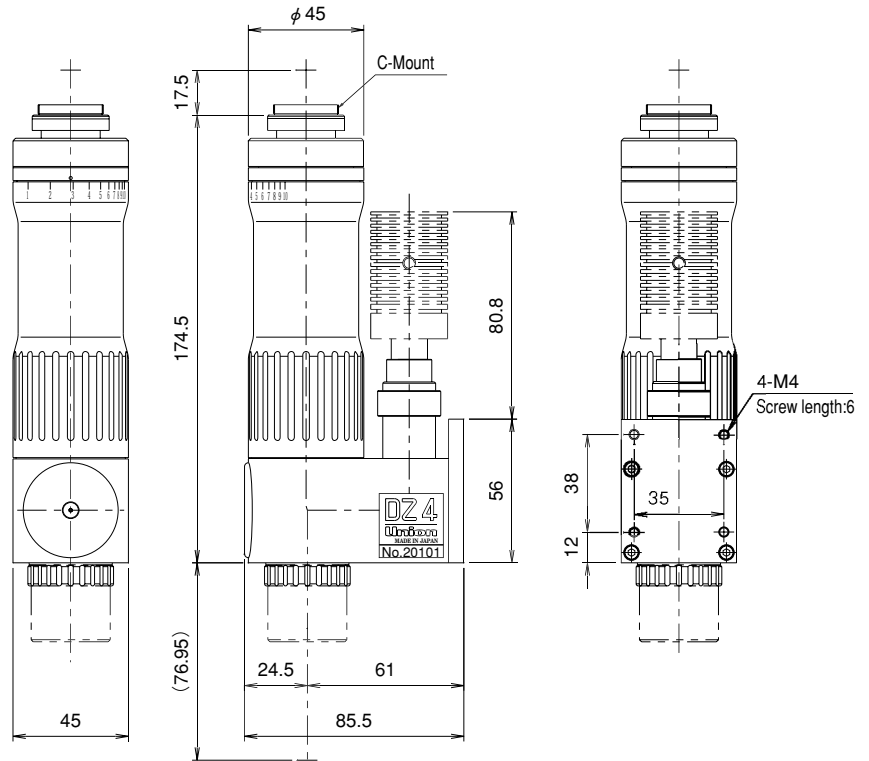
Type of Objectives	Optical Magnificatin	Total Magnificatin	N.A.	W.D.	Resolution	Focal Depth	Weight
ZC5	0.42~5x	25.2~300x	0.01~0.07	45mm	33.55~4.79μm	±2750~56.12μm	190g
ZC15	1.25~15x	75~900x	0.03~0.2	46.2mm	11.18~1.68μm	±305.56~6.88μm	150g
ZC30	2.5~30x	150~1800x	0.06~0.36	35.25mm	5.59~0.93μm	±76.39~2.12μm	396g
ZC50	4.16~50x	249.6~3000x	0.1~0.45	14mm	3.36~0.75μm	±27.50~1.36μm	250g
ZC70	5.83~70x	349.8~4200x	0.14~0.7	7.1mm	2.40~0.48μm	±14.03~0.56μm	550g

The above total magnification is obtained with 1/2"CCD & 19"TV Monitor

External Dimensions

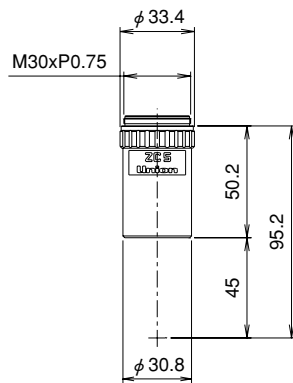


DZ4-T (Manual type)

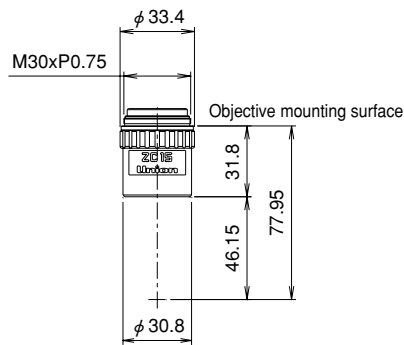


Dimensions with objective; ZC15

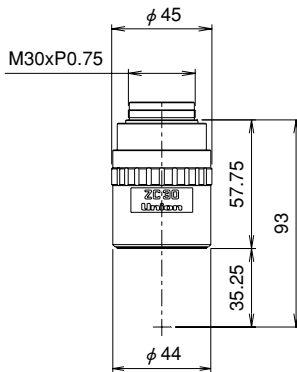
Objectives



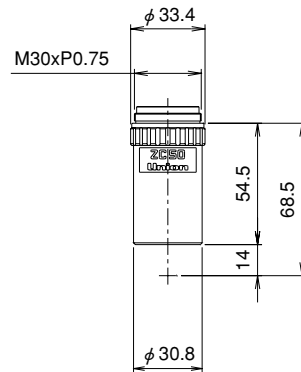
ZC5



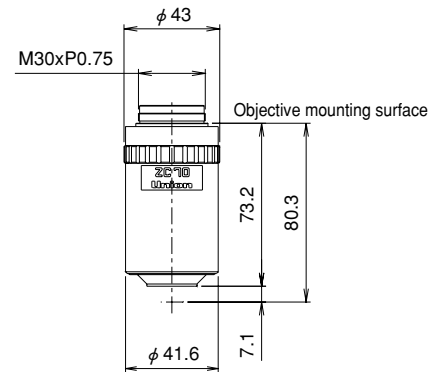
ZC15



ZC30



ZC50



ZC70

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* All specifications are subject to change without prior notice.