



Compact Size Zoom Microscope DZ4-T/E

Features 1

Lightweight / Compact

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

Features 2

Zoom ratio 12 (0.83X to 10X)

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

Features 3

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

Features 4

LED Illumination

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



**DZ4-T
Manual Type**

| | | |
|--------|--------------------------------------------------------|---------------------------------------------|
| Option | *Motorized fine focus bracket *Diffuse illumination | *Partial shield illumination *Ring light |
|--------|--------------------------------------------------------|---------------------------------------------|

Specifications of Main Unit

| | | |
|---------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Correction System | Afocal | |
| Zoom Ratio | 12 | |
| Image Size | Φ8mm (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 | Standard : Coaxial Reflecting Illumination Optional : Partial shield illumination, Diffuse illumination, Ring light | |



DZ4-E Motorized Type



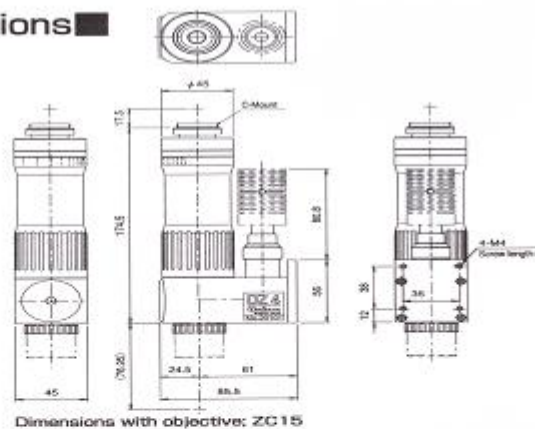
Specification of objectives

| Type of Objectives | Optical Magnification | Total Magnification | 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 | 150~180x | 0.06~0.36 | 35.25mm | 5.59~0.93μm | ±76.39~2.12μm | 396g |
| ZC50 | 4.16~50x | 249.6~300x | 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: ZC 15

Objectives

