

INTRODUCTION

CW2010-DIC is Infinity optical system, Suitable for the quality testing of chip packaging, observation and measurement of the tiny protrusions and minor scratches. Widely used in electronics, materials, chemical and other fields of research and testing. Is the ideal instrument for research institution's and universities' research and teaching.

CHARACTERISTIC

1. Converter: Five-hole, Each hole adjusting the focus and dispatch center. Eliminate errors to ensure accuracy. (Exclusive patent).
2. Z-axis use the Split-image principle observed measurement, To combine precision Z-axis rail it can keep, Can effectively guarantee the accuracy of the measurement.
3. DIC prism can move horizontal and vertical, the relief image formed by the linearly polarized light of the two directions will produce a strong three-dimensional. This can not be achieved in a normal optical system.
4. Long Working Distance
5. Light source can choose LED or Fiber cold light source
6. All parts and the assembly of the optical system are imported components. By technical engineers abroad gatekeeper, commissioning and technical control package of DIC system



Name :	Parameter						
Lens Barrel :	Trinocular, Hinge type, Tilt angle 30°, Whirling 360°						
Eyepiece :	High focus flat field WF10X/22						
		Magnification	NA	W.D(mm)	F.D(mm)	D.R(μm)	D.F(μm)
	Mobile-axis system :	2X	0.055	34	100	5	91
		5X	0.14	34	40	2	14
		10X	0.28	33.5	20	1	3.58
		20X	0.42	20	10	0.7	1.6
50X		0.55	13	4	0.5	0.9	
Focus :	Coaxial Coarse And Fine, Tensional adjustable, Limit locking device, 0.001mm * 100, Digital analytical value 0.0005mm						
Light source :	LED, 5w(up), LED, 1W, adjustable						
Mobile-axis system :	Z-axis: moving range 38mm, Handwheel range 130mm, allowed Workpiece height 130mm, Rail precision (3+L/1000)μm						
	X-axis : moving range 200mm, Parse rate: 0.001mm, Manual possible						
	Y-axis : moving range 100mm, Parse rate: 0.001mm, Manual possible						
	Measurement accuracy (3+L/100)μm, [L=The length of the measured object], The episcopic light measurement error ≤ 0.08%						
Table :	Size: 360mm x 250mm; Glass size: 225mm x 175mm; Load-bearing: 30kg; Lifting range: 30mm.						
Instrument Size :	380mm * 550mm * 830mm						
Weight :	100kg						

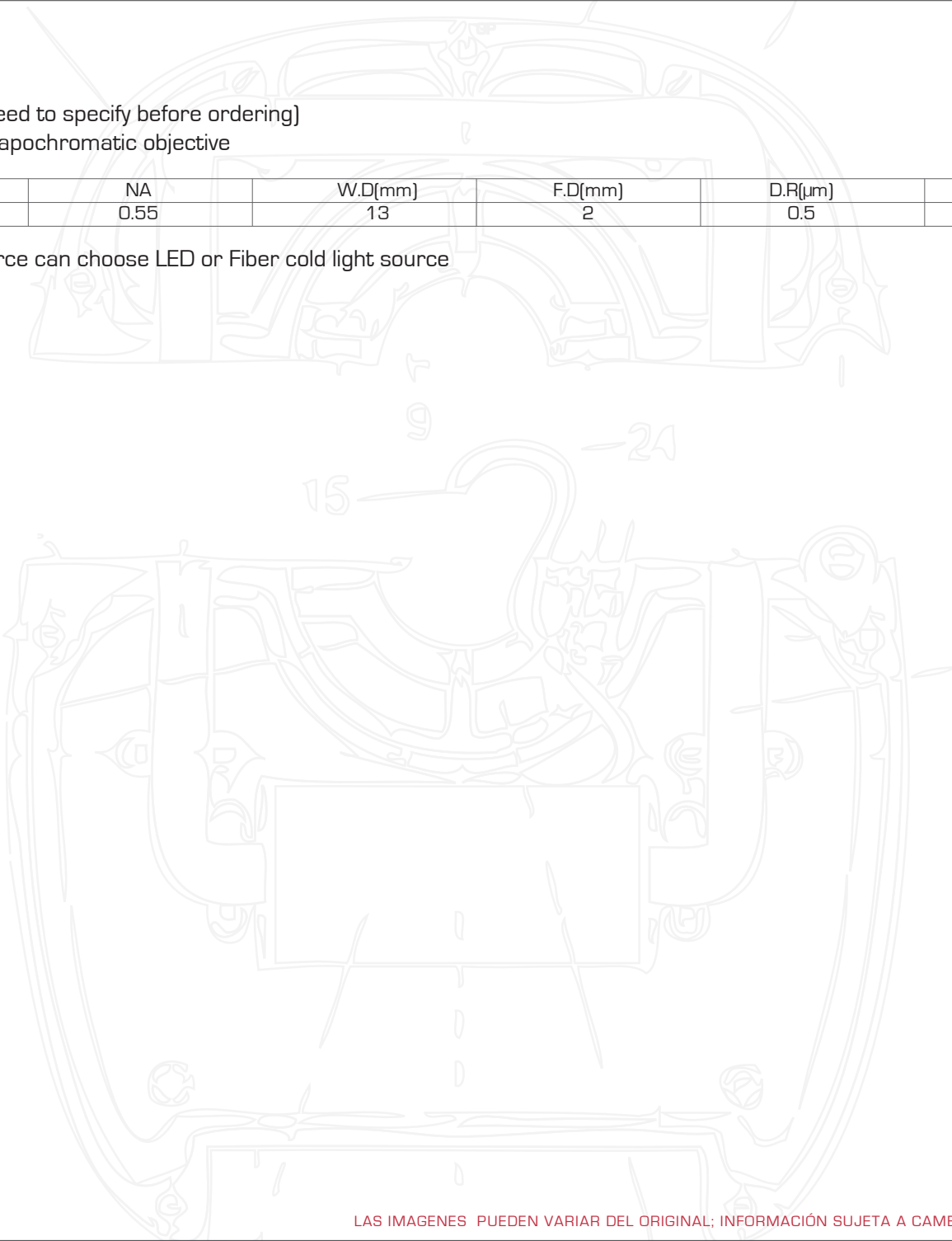
LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

Optional:[Need to specify before ordering]

1. Flat-field apochromatic objective

Magnification	NA	W.D(mm)	F.D(mm)	D.R(μm)	D.F(μm)
100X	0.55	13	2	0.5	0.9

2.Light source can choose LED or Fiber cold light source



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