



B.N.C.TOOLING Co.,Ltd.

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510



Optical Measuring Projector

Vertical Video Projector VP Series

VP-2010

Model	VP-2010
Code#	541-200
Accuracy	$\leq 3+L/200\mu\text{m}$
Certificate	CE



Product Feature

- The lifting system adopts linear guide rail and precision screw drive, which makes the lift drive more comfortable and stable;
- With precision toothless rod and fast movement locking device, ensure return error is within 2um;
- High accuracy A optical scale and precision working stage, ensure machine accuracy is within 3+L/200mm;
- HD zoom lens and HD color digital camera, ensure clear image without distortion;
- With programmable surface 4-ring 8-division LED cold light and contour LED parallel illumination, it can control the brightness of the 4-ring 8-division independently;
- With powerful iMeasuring2.1 software system , to enhance the control quality;
- Optional imported contact probes and 3D measuring software, it can help upgrade the machine to be coordinate measuring machine;
- Optional FexQMS measurement data analysis and real-time monitor software, enhance process control, reduce material consumption.



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Optical Measuring Projector

Specification

Product Name		Vertical Video Projector					
Model		VP-2010		VP-2515		VP-3020	
Code#		541-200		541-210		541-220	
Working Stage Travel		200x100mm		200x150mm		300x200mm	
Focusing Travel		150mm					
Measurement Accuracy*		≤3+L/200um					
Resolution		0.0005mm					
Load Capacity		10kg					
CCD		HD700 TVL Color CCD					
Zoom Objective Lens **		HD 6.5X Detented Zoom Lens					
		Optical Magnification:0.7X-4.5X; Video Magnification:26X~172X(21.5” LCD)					
	Lens Magnification	0.7X	1X	2.0X	3.0X	4X	4.5X
	1/3”CCD	8.57x6.86x5.14	6x4.8x3.6	3x2.4x1.8	2x1.6x1.2	1.5x1.2x0.9	1.33x1.07x0.8
Illuminating System (Software Control)		Surface: Adjustable 4-ring 8-division 0~255-grade LED Cold Illumination					
		Contour: LED Parallel illumination					
		LED Laser navigation illumination					
Working Environment		Temp : 20°C±2°C, Temp Variation<2°C/hr, Humidity : 30%—80%RH, Vibration<0.002g, < 15HZ					
Measurement Software		iMeasuring 2.1					
System		Support XP, WIN7, WIN8, WIN10 32/64 Bit					
Power		AC110V/60Hz; 220V/50Hz,600W					
Dimension(L×W×H)		1460x1120x580mm		1725x675x620mm		1725x675x760mm	
Weight		280kg		330kg		380kg	