

Semiautomatic imager 半自动影像仪

用途:

该仪器适用于以二维坐标测量为目的的应用领域，在机械、电子、仪表、塑料等行业被广泛应用。

USES:

The instrument is suitable for the application field of two-dimensional coordinate measurement, and is widely used in machinery, electronics, instruments, plastics and other industries.



特点:

- ★ 自主研发功能强大的 3D-MZ测量软件
- ★ 大理石底座结构，铸件工作台保证拥有极高的稳定性及刚性
- ★ 精密性导轨和无牙螺母传动方式
- ★ 高清晰彩色摄像机
- ★ 通过激光指示器寻找被测工件的具体位置
- ★ 程控表面冷光源、轮廓冷光源、使光源对测量要求的适应性更加强大
- ★ Z轴电动控制，自动对焦
- ★ 整机一体化结构设计、外观简洁大气

Features:

- ★ Independently developed 3d-mz measurement software with powerful functions
- ★ Marble base structure, casting table ensures high stability and rigidity
- ★ Driving mode of precision guide rail and toothless nut
- ★ High definition color camera
- ★ The laser indicator can be used to find the specific position of the workpiece to be measured
- ★ Programmable surface cold light source, contour cold light source, to make the light source meet the measurement requirements Stronger adaptability
- ★ Z-axis electric control, autofocus
- ★ Integrated structural design and simple appearance of the whole machine

★技术参数/Specification

型号 Model	VM-3020Z	VM-4030Z	VM-5040Z
工作台尺寸 (mm) Worktable Size(mm)	450*350	560*460	660*560
玻璃台尺寸 (mm) Glass table size(mm)	340*240	440*340	540*440
外形尺寸 (mm) Shape Size(mm)	780*580*1650	980*680*1720	1080*780*1820
X,Y测量行程 (mm) X, Y measurement stroke(mm)	300*200	400*300	500*400
Z轴行程 Z axis stroke	行程: 200mm (可定制至400mm) Z轴电脑控制 Trip: 200mm(customizable to 400mm) Z axis computer control		
重量 (kg) Weight(kg)	240	360	430
承重 (kg) Load(kg)	30	35	35
精度 precision	$E_{xy} = (3 + L/200) \mu m$		
光栅尺分辨率 Grid ruler resolution	0.001mm		
图像传感器 Image sensor	高清晰彩色 1/3 CDD High clarity color 1/3 CDD		
光学镜头 Optical lens	0.7X-4.5X手动变倍镜头 0.7X-4.5 X Manual doubling lens		
镜头放大倍数 Lens magnification odds	27X-180X		
物方市场 Property Market	8.1mm-1.3mm		
光源 light source	轮廓光采用 LED冷光源平行光, 表面光采用环形冷光源, 程控光源 The outline light adopts LED cold light source parallel light, the surface light adopts circular cold light source, and the program-controlled light source.		
工作距离 Working distance	92mm		
软件 software	ZK3D-MZ		
工作环境 work environment	温度 $20^{\circ} \pm 5^{\circ}$ 、温度变化 $< 2^{\circ}$ 、湿度30%-80% Temperature $20^{\circ} \pm 5^{\circ}$, temperature change, 2° , humidity 30% -80%		
电源 power supply	AC220V、50/60HZ、功率: 350W (不含电脑) AC220V, 50/60HZ, power: 350W(excluding computers)		

可选配: 同轴光镜头 (深孔或白色件成像效果更好)、简易测头 (可以测量三维尺寸)、旋转工作台 (可快速摆正工件水平)、电脑