

思端Model: Croma 8106三坐标测量机

产品名称	思端Model: Croma 8106三坐标测量机
公司名称	常州三丰仪器科技有限公司
价格	400000.00/个
规格参数	加工定制:是 品牌:思端 型号:Model:Croma8106
公司地址	天宁区中吴雅苑11-8号
联系电话	13775039823

产品详情

品名	规格	单位	数量	金额(rmb)
description 三坐标测量机	specifications 型号model: croma 8106	unit 套set	qty 1	amount of rmb
coordinate measuring machine	测头probe head: ph10t 系统system: hexagon idc-i control system 软件software : pc-dmis basic			
选配	软件升级到pc-dmis premium (dcc) 另外加			

设备特点main features :

u 横梁与z轴采用表面阳极化航空铝合金，温度一致性极佳；并降低了运动部件的质量，减少测量机在高速运行

cross beam and axis z are made of surface-anodized aerometal to improve thermal stability and reduce moving mass for faster setting.

u 三轴导轨均采用高精度自洁式空气轴承，运动更平稳，导轨永不受磨损

high-precision self-cleaning air bearing is used on guideways of all the three axes with permanently wear-resistance and optimized kinematics movement.

u 三轴均采用高精度欧洲进口光栅尺，系统分辨率可达0.078um；同时采用一端固定，一端自由伸缩的方式安装变形

all the three axes are equipped with the high-precision optical scales of german heidenhain which make the system resolution reach up to 0.078um. and the installation method of one end fixed and the other end freely extensible reduces deformation of optical scales.

u y轴采用整体燕尾式导轨，在降低机器重量的同时，有效消除了运动扭摆，保证了测量精度和稳定性

patented precision-machined dovetail guideway in axis y not only have lightened the machine weight but improved torsional stability, cmm ' s accuracy and stability.

u 各运动轴均采用直流伺服驱动，确保运动的平稳和准确

all machine axes are driven by dc servomotor to ensure cmm ' s stability and accuracy.

u x向采用精密三角梁专利技术，相比矩形梁和横梁，重心更低，质量刚性比最佳，运动更加可靠

x beam has adopted the patented ultra rigid “ tricision ® ” technology, with the result of lower center of gravity, better mass-rigidity ratio and more reliable motion than rectangular and cross beams.

u 软件为业界标杆的pc-dmis basic (/pc-dmis premium)，功能强大，易学高效

powerful, easy-to-learn and efficient pc-dmis basic (/pc-dmis premium) software.

u 采用海克斯康为croma专业打造的idc- 控制系统，提高了机器的动态性能和测量精度

u idc-i control system specially designed by hexagon for croma cmms improves the dynamic performance and measuring accuracy.

pc-dmis basic (dcc)测量软件

pc-dmis basic (dcc) software

pc-dmis basic (dcc)通用测量软件，能够解决复杂的计量检测任务。该软件主要针对车间基层检测人员设计，能够在短时间内掌握该软件的使用。

pc-dmis basic (dcc) is the universal metrology software, which can solve complex measuring tasks. this software is mainly intended for workshop basic-level inspection operators, enabling them to master the software applications in the shortest possible time.

这一具有强大检测功能的工业级计量软件提供了用户简易操作界面，帮助用户完成零件检测程序编程，测量程序执行检测程序。运用先进的图形化报告功能，实现用户特殊的检测数据分析需求。pc-dmis basic(dcc)软件的优势的自学习功能，在不需cad模型的情况下，实现用户零件检测编程。pc-dmis basic(dcc)软件独特的零件特征识别测量点的探测，自动识别测量元素的类型(线、圆、圆柱，等等)。在完成工件特征检测之后，pc-dmis basic (dcc)被测元素类型，提供所需信息和屏幕分析图形，这种动态图形通过被测几何元素之间拟合，实现被测工件的元

this powerful industrial metrology software features an easy-to-use operator interface that guides you through part programming, setup and inspection routine execution. advanced graphics reporting functions let you configure inspection results to meet your specific data analysis needs. one of the features of pc-dmis basic (dcc) is its intuitive se

If-learn capability that allows programming a part on the cmm without the help of a cad file. the unique capability of pc-dmis basic (dcc) is its ability to recognize the feature type (line, circle, cylinder, etc.) from the points taken to measure it. after the measurement of a feature is completed, pc-dmis basic (dcc) automatically defines the type of the element you measure, gives you the essential information, and draws the feature of the part on the screen. and this dynamic drawing is useful for the operator to realize the feature construction function through the integration of the defined element with the other features.

具有中文版面和在线中文帮助

chinese language and chinese on line help available.

完善、可定制的直观化图形用户界面(gui)为不同软件应用水平的操作者提供了便捷的执行功能强大的计量软件

a fully configurable, intuitive graphic user interface (gui) provides users of all skill levels with easy access to powerful measurement routines.

点击鼠标，立即执行下述操作：完善的测头管理、零件坐标系管理和工件找正功能、检测报告、支持预览、测量

one click start routines for: probe qualification and management, part alignments, reports, preview assistant, feature construction and feature measurement

几何元素的评价，包括：直线度、平面度、圆度、圆柱度、圆锥度以及圆环和球面等。相对基准几何要素真形：平行度、垂直度、角度、对称度、位置度、同轴度、同心度、轴向跳动、径向跳动、轴向全跳动、径向全跳动

form evaluations of geometrical elements: straightness, flatness, roundness, cylinder form, conical form, torus form, and spherical form. true position of an element with reference to the datum(s): parallelism, squareness, angularity, symmetry, position, coaxiality, concentricity, axial runout, radial runout, total axial runout, total radial runout.

可实现工件几何特征量的直接测量，并能够完成几何关系的计算、构造和形位公差的评价与分析

geometric features measurement, geometric relations calculation & construction, form and position tolerance evaluation.

互动式超级报告功能，增加了报告格式和数据处理上的灵活性

versatile reporting templates allow a new flexibility in report formatting and data handling.

ptb完全认证

full ptb certification

符合iso标准的公差评判能力

follow the gd&t rules of iso

pc-dmis premium (dcc)测量软件

pc-dmis premium (dcc) software

pc-dmis premium软件允许用户采用三维 cad数据，脱机或者联机生成工件检测程序，同时完成图形化工件模型模拟。利用功能强大的pc-dmis premium图形功能，能够模拟测量运行，从而在该测量程序下载到车间现场实测之前，找到并纠正测量程序

pc-dmis premium lets you use the power of 3d cad data to create part programs, both on and off-line, complete with graphical part models and probe path simulations. using the powerful pc-dmis premium graphical environment, you can create simulations to find and correct program errors before they are downloaded to the shop floor.

完全的三维仿真功能，可以使操作者能够在实际进行各种元素测量前，图形化检验初始化设定和零件检测程序。图形帮助，使用者能够更好地理解复杂的测量任务。

full 3d animation capability lets you include elements such as digitized images of parts and fixtures on the machine so that you can visually verify the setup and program prior to actual part inspection. plus, you can insert visual tutorials to help operators understand particularly complex jobs.

pc-dmis premium还能够实现对未知数据工件的检测，以便在cad软件中生成数模，最终完成逆向工程的应用。

pc-dmis premium also lets you fully document unknown parts and generate computer models for reverse engineering applications.

技术参数technical specifications :

行程measuring strokes : x轴 x axis: 800 mm

y轴y axis:1000 mm

z轴 z axis: 600 mm

结构型式structure type : 移动桥式moving bridge

传动方式：直流伺服系统+ 预载荷高精度空气轴承

transmission mode : dc servo motor & preload high precision air-bearing

开放式光栅尺open gold and steel scales

机 台：高精度花岗岩平台

measuring table :high precision granite measuring table

整机尺寸overall dimension(lwh) : 1935 m m x 1350 m m x 2729m m

机台承重 max. part weight : 500 kg ,

整机重量machine weight : 1090 kg

长度测量最大允许示值误差

maximum permissible error of indication of a cmm for size measurement (mm) : $mpee= 3.0+l/300$

最大允许探测误差

maximum permissible probing error (mm) : $mpep=3.5$

环境条件要求environment specifications :

测量机室温度要求room required specifications

测量机室的温度room temperature: 18 - 22 ° c

机器周围环境的最大温度梯度max. temperature gradients: 1 ° c/h , 2 ° c/24h , 1 ° c/m

供气系统air supply system

最小供气压力min. air pressure: 0.5 mpa

耗气量air consumption: 120 l/min

供电系统electrical requirements

电压voltage: 220 v ± 10%

最大耗电量max. power consumption: 2000w

电流current: 15 a

用电设备要求接地可靠 : 接地电阻小于4欧姆

a good earth ground(less than 4) is required for reliable operation of the electrical controls.

培 训 training :

培训地点place : 本公司培训部 at serein training center

培训时间duration : 一个星期one week。

培训内容 : 设备使用及维护

contents: equipment application and maintenance

参加人员attendees：两人, 参加培训人员要求具备计量基础知识及计算机应用知识，食宿差旅自理。

attendees: 2 persons. people attending this class are expected to have some familiarity with metrology knowledge and pc application skill. and cost for travel, food and accommodation during the training shall be paid by themselves.

装机费用明细installation charge details：

本报价含运输费用（仅针对中国大陆地区）。所有的包装箱需要在思瑞工程师监督和认可的情况下才能开启。运送，拆装及就位由用户负责，思瑞工程师协助。

this quotation includes highway transportation expenses (only in chinese mainland).

all boxes shall be opened only under the supervision of a serein engineer. during the installation, support for connections, unloading, internal transportation, unpacking and placement must be provided by the buyers. supplier should offer technical guide.

设备的质量标准、检测标准、测试手段：

quality standards、inspect standards and methods:

最终验收将根据jjf1064—2004标准执行（等同于iso 10360-2000）

the final acceptance inspection should follow the standard of jjf1064-2004(this standard is the equivalent of iso 10360-2000)

售后服务after-market service：

（1）保修条款。设备在售后一年内免费维修，如因人为损坏造成的机器故障，按被损坏的部件的实际价格收取

1 year (12 months) guarantee is free of charge after final acceptance. but the buyer will be responsible for the parts-changed expense if the damage is caused by human error.

（2）及时维修。致电思瑞热线：400-8800-268，我们承诺24小时响应，及时处理您在使用中遇到的任何故障；

if the cmm has a problem, the customer needs to offer detailed information to serein through the hotline:400-8800-268. once information on the problem has been received, the seller will respond within 24 hours, including guidance and suggestions to eliminate problem. if the problem can not be eliminated in this way, the seller shall be on-site to solve the problem as quikly as possible.

（3）便捷投诉。致电思瑞热线：400-8800-268，将对您对我们产品及服务的不满告诉我们，让我们感受您的感受

you can make a complaint conveniently of our services and products, and we must give you a prompt feedback to solve the problem.

本产品的加工定制是是，品牌是思端，型号是Model:Croma8106，类型是全自动三坐标测量机，定位精度是2（mm），外形尺寸是935mmX1350mmX2729mm（mm），规格是1935mmX1350mmX2729mm