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This specific product is no longer available, however we may have other similar or identical products in stock. Please utilize our search function at the top of the page to check and confirm, or fill out the form below: Precision measurement system Measurement speed: 1600 Measurement accuracy: measuring 1600 points, the maximum tolerance for statistical repeatability 3um, the minimum tolerance 1um Reverse engineering 4: 1 used for 3D measurement of surface area 2 Export program settings facilitate output 5: 1 complete Chinese Windows2000, operating system Specifications: US MICRO Vu upto 200mm-1500mm size dimensions Measuring range stroke: X300 x Y300 x Z150mm X300 x Y300 x Z150 mm XY Axis accuracy: U2 = 2.6 + L / 1750µm, U2 = 2.6 + L / 1750 micron Z Axis precision: U1 = 3.0 + L / 150µm, U1 = 3.0 + L / 150 micron Resolution optical foot resolution: 0.4µm, display 0.1um 0.4 microns, 0.1 micron Velocity display movement speed: 500mm / s 500 mm / sec XY-Axis acceleration: 250mm / s2 250 mm / sec Z Axis acceleration: 100mm / s2 100 mm / sec 2 Stage material: Granite optic / magnification Optical lens / magnification range: 6.5: 1 Programmable zoom lens / 20x-250x 6.5: 20-250 times Environmental requirements: 20 ± 2 ° C temperature Humidity temperature: 20 ± 2 ° C Humidity: 30-80%. All specifications are assumed to be correct but must be confirmed by purchasing entity Vertex 110 - 430 SpecificationsThese specifications are for brand new machine models Vertex 110, 120, 130, 210, 220, 230, 310, 320, 330, 410, 420, 430.Electrical Diagram and Service Part Numbers for Vertex 261, 34x, Excel 51x, 70x, SOL 165, 34xElectrical Diagram and Service Part Numbers for Vertex 261, 34x, Excel 51x, 70x, SOL 165, 34xGlass Dimensions Vertex 110, 120, 130, 210, 220, 230Glass Dimensions Vertex 310, 320, 330, 410, 420, 430Product information is subject to change without prior notice as a result of ongoing technical development The Micro-Vu Vertex is a multi-sensing, CNC measuring system in 3 available sizes. It incorporates optical vision with touch probe laser and rotary options. Both contact and non-contact measuring utilities are operated by the InSpec software View Product Brochure The Vertex Multisensor Measurement Systems implement new technologies to provide speed and accuracy on reliable and affordable measuring machines.Micro-Vu's InSpec Metrology Software provides point-and-click simplicity, proprietary edge detection, advanced lighting control and calibration, multi-sensor integration, automated calibrations, and a clear display of measurement data and tolerances.The systems include InSpec Metrology Software, a programmable optical zoom, 3x digital zoom, non-linear stage compensation, non-linear optics compensation, advanced LED lighting, machine resident calibrations, and boasts a single USB connection to your workstation computer. ModelMeasurement CapacityXY AccuracyZ AccuracyScale ResolutionStage Capacity Vertex 261250 x 160 x 160 mm2.0+L/2502.0+L/2000.1 µm10 kgVertex 341315 x 315 x 160 mm2.6+L/1753.0+L/1500.1 µm20 kgVertex 342315 x 315 x 250 mm2.6+L/1753.0+L/1000.1 µm20 kg Products and specifications subject to change without notice. Vertex 110 - 430 User GuideThis User Guide is for machine modelsVERTEX 110, 120, 130VERTEX 210, 220, 230VERTEX 310, 320, 330VERTEX 410, 420, 430Electrical Diagram and Service Part Numbers for Vertex 261, 34x, Excel 51x, 70x, SOL 165, 34xElectrical Diagram and Service Part Numbers for Vertex 261, 34x, Excel 51x, 70x, SOL 165, 34xGlass Dimensions Vertex 110, 120, 130, 210, 220, 230Product information is subject to change without prior notice as a result of ongoing technical development Part# C2410124 Measurement speed: 1600Measurement accuracy: measuring 1600 points, the maximum tolerance for statistical repeatability 3um, the minimum tolerance 1umReverse engineering 4: 1 used for 3D measurement of surface area Specifications: US MICRO Vu upto 200mm-1500mm size dimensionsMeasuring range stroke: X300 x Y300 x Z150mm X300 x Y300 x Z150 mmXY Axis accuracy: U2 = 2.6 + L / 1750µm, U2 = 2.6 + L / 1750 micronZ Axis precision: U1 = 3.0 + L / 150µm, U1 = 3.0 + L / 150 micronResolution optical foot resolution: 0.4µm, display 0.1um 0.4 microns, 0.1 micronVelocity display movement speed: 500mm / s 500 mm / secXY-Axis acceleration: 250mm / s2 250 mm / secZ Axis acceleration: 100mm / s2 100 mm / sec2 Stage material: Granite optic / magnificationOptical lens / magnification range: 6.5: 1Programmable zoom lens / 20x-250x 6.5: 20-250 timesEnvironmental requirements: 20 ± 2 ° C temperatureHumidity temperature: 20 ± 2 ° CHumidity: 30-80%. Applications of Micro-Vu systemsThese coordinate measuring systems are used to measure a wide variety of materials parts and assemblies. Manufacturers can use these systems to measure medium and large parts, but the system will accept most part sizes. The Micro-vu range is best used to inspect parts such as:Machine partsInjection mouldsPlastic partsPrinted circuit boardsPCB masksSheet metalO-rings Fitted with Raycofixture acrylic plate (30 x 30 cm, M6 threaded holes on 12mm centres), 9 port manifold, clamping kit and components (small element of damage to acrylic plate as per image, looks like a previous user may have overtightened one fixture) Complete with wheeled cabinet as per images No PC or software, these will need to be sourced by purchaser PDF Manual Serial# VX42001201 DOM 8/2007