



Alliance Metrology, Inc.
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Carl Zeiss 2828-24 DCC / CNC CMM System

Features:

- Pre-Owned Machine Fully Rebuilt, Retrofitted / Upgraded and in Excellent Condition
- Thermally Stable **Ceramic Bridge Design** with High Dynamic Rigidity
- 28" x 28" x 24" Measuring Range
- **Ceramic** X, Y and Z Guide Ways with Frictionless Air Bearings
- Black Granite Table with Threaded Inserts
- NEW Powerful yet Easy to use CMM-Manager CAD DCC Measurement Software
- NEW Pentium Core2 Quad Computer System, 23" LCD Display and HP Inkjet Printer
- Shop Floor Hardened
- **High Accuracy!** Volumetric Accuracy of .00050"*
- Orig. Mfg Date: 1991, Comparable Price when new was approx. **\$ 94,000.00**
- Renishaw PH9 / TP20 Motorized Touch Probe System for Dynamic Data Acquisition
- Measuring System: Photoelectric, Optical Encoder System with Glass Scales on each Resolution of .00004" / .001 mm

Measurement Travels:

- X-axis travel = **28"**
- Y-axis travel = **28"**
- Z-axis travel = **24"**

Accuracy Specifications:

- Linear Accuracy, Per Axis = .00015"*
- Volumetric Accuracy, 3D = .00050"*
- Repeatability, Per Axis = .00010"*

* Accuracy Specifications Per ANSI / ASME B89.1.12m Definitions

Machine Dimensions and Specifications:

- Overall Height = 104"
- Overall Width = 53"
- Overall Length = 50"
- Clearance Under Bridge = 16.5"
- Maximum Work Piece Size = 20" x 45"
- Maximum Distributed Work Piece Weight = 1400 lbs
- Machine Weight = 2200 lbs

Air & Electrical Requirements:

- Electrical = 120 Volt / 20 Amp Dedicated Line (recommended)
- Air Supply = 80 PSI @ 3-4 CFM, Clean and Dry

Complete System Price \$ 39,500.00

CMM Installation and Calibration:

- CMM Setup and ISO Calibration / Certification* \$ 1,072.00
**Travel time and expenses additional*

Software Training:

- CMM-Manager Software Training at Customer Site* \$ 950.00
-Price per Day: 2 Days Recommended (up to Three Persons per Session)
**Travel time and expenses additional*

Certification and N.I.S.T. Traceability Statement:

We will provide a complete Certificate of Calibration for the CMM Machine upon completion. This certificate shall show N.I.S.T. Traceability of each Reference Artifact that we use to evaluate and adjust the equipment. Performance results are published on the certification relative to these Reference Artifacts in the ANSI / ASME B.89.1.12M format of evaluation
Alliance Metrology Inc. is ISO 9001:2008 certified (certificate number AO11808)

Terms, Warranty and Delivery:

- Proposal Validity is "Subject to Prior Sale" or 90 Days
- 50% Down Payment with Purchase Order, Balance Due Upon Installation
- 12 Month CMM Mechanical / Electronics Parts Warranty!
- 12 Month New Components and New Software Updates Warranty!
- Availability / Delivery: 2-3 Weeks ARO and Down Payment
- F.O.B: Maple Grove, MN or Shipping Point (Buyer is Responsible for Shipping)
- Buyer Responsible for Applicable Taxes

We appreciate your interest and look forward to providing you with an exceptional value in a high quality measurement system. If we can provide any service or additional information, please do not hesitate to call upon us!

Sincerely with Very Best Regards,

Bryn Hartwig