

CMM Rooms & Enclosures

Modular Environmental Controlled Enclosures Designed To Meet Your Size, Design or Application Requirements



CMM ROOM AND QUALITY CONTROL ROOM

HEMCO Modular rooms provide the strict temperature and humidity control required by sensitive CMM equipment and quality control procedures. Where critical levels of temperature and humidity must be maintained, the pre-engineered modular enclosures from HEMCO offer a cost-effective alternative to conventional construction and provide the quality, durability and performance that Coordinate Measuring Machines (CMM) demand.

Our CMM rooms are specifically designed to maintain a +/- 1/2 degree temperature consistently. The modular room provides the environmental precision and accuracy necessary for companies that need to meet tight specification standards.

HEMCO CMM modular enclosures are built to exact specifications. The pre-engineered modular design minimizes construction costs and delays.

In addition, special oil mist or HEPA filtration can be designed into the CMM room providing high levels of cleanliness essential for a measurement of the highest quality.

ENVIRONMENTAL CONTROL CAPABILITIES

AIR CLEANLINESS: Class 100 to 100,000

Achieved by HEPA and / or Carbon filters. HEPA's are 99.97% efficient in capturing particulate 0.3 microns or larger. Carbon absorbs vapors, odors, gases and solvents

Temperature 65 to 80 degrees +/- 1/2 to 1 degree
Cooling systems are available for lower temperature requirements

Humidity: 40% to 60% +/- 2 to 5 %

Desiccant dryers are available for lower humidity requirements.

MODULAR CMM ENCLOSURE WITH GLOVE PORT ACCESS

CONSTRUCTION FEATURES

INSULATED MODULAR WALL & CEILING PANELS

Urethane foam or expanded polystyrene foam panels are available with a wide selection of surfaces such as composite resin, aluminum, enameled steel, and stainless steel. Wall and ceiling panels are chemical resistant, smooth and non-porous for easy cleaning and decontamination

WIDE VARIETY OF DOOR ARRANGEMENTS

Hinged, sliding multi-panel doors are constructed of solid aluminum frame glass panels. Overhead sliding doors for forklift access are available



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CMMRE-05.21



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