clean room project

Project by Kris Cabral

Compiled by Emily Boster

Includes research and estimates for the use and cost of acquiring a clean room to house the CMM.

A Coordinate Measurement Machine (CMM) is a device that utilizes a ruby tipped mechanical probe head to measure the size and shape of an object to a precision of 10 microns along three axes. In 1993, Texas A&M received a CMM from the canceled Superconducting Super Collider project in Waxahachie, Texas. This CMM has been in storage until summer 2009 when Dr. Darren DePoy and Dr. Peter McIntyre elected to have it unpacked and returned to service. The Astrophysics group plans to use the CMM to measure optical components and other instruments that will be used in various projects such as the HETDEX and VIRUS programs.

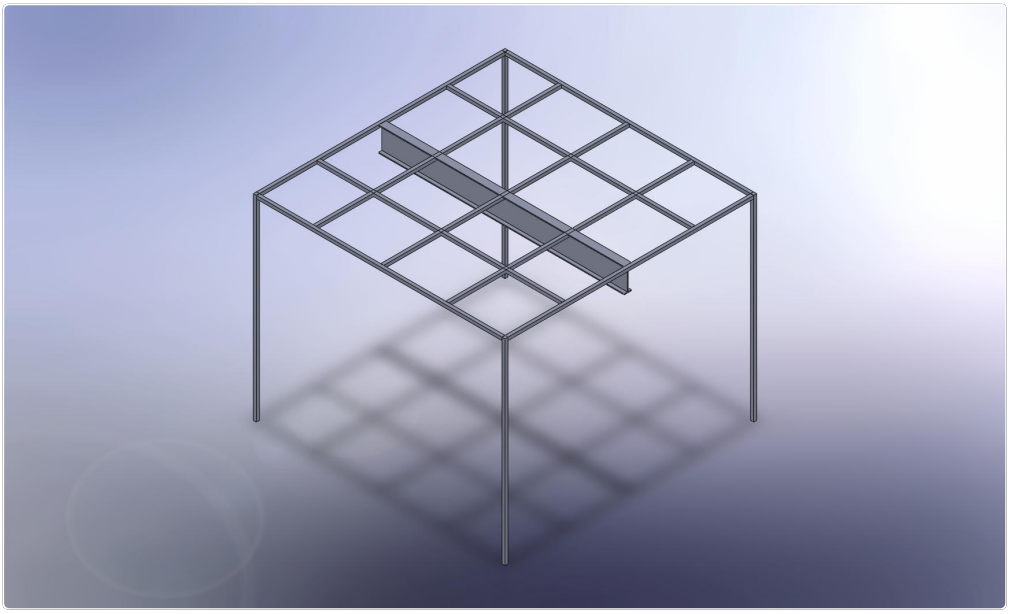
Paper with final results and estimates:

Clean Room Candidate ...

Contact information:

Clean Room Contact Inf...

Solidworks image/model:



Assem1.SLDASM

Legs.SLDPRT

I-Beam.SLDPRT

rafter.SLDPRT

Clean Air Products:

CAP575.pdf

CAP577.pdf

LINE CARD.pdf

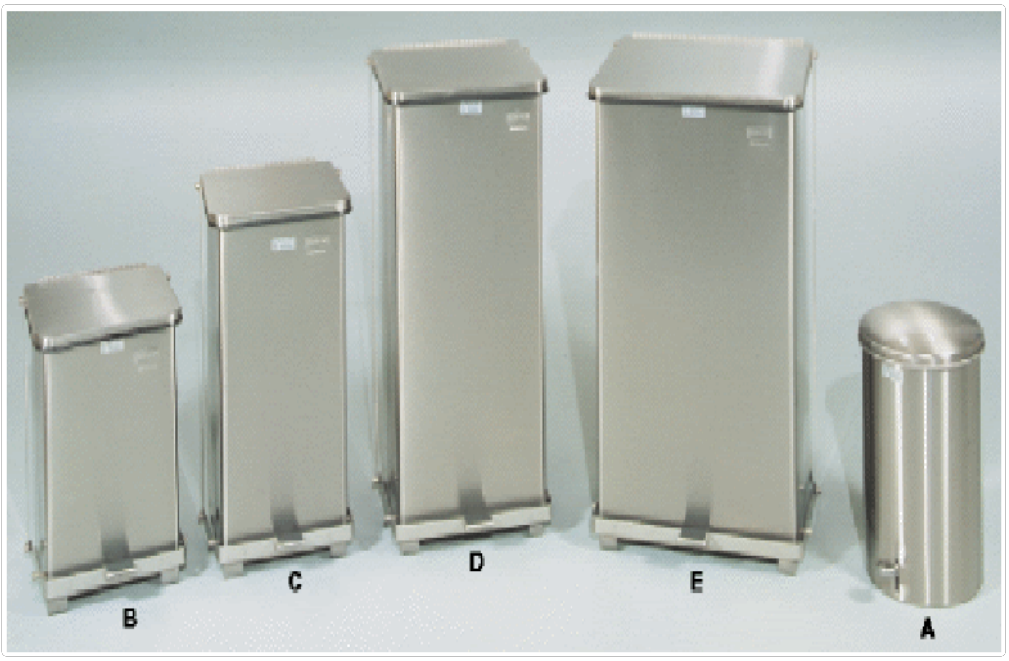
Q28496 scan.pdf

Terra Universal:

Terra Universal Sticky M...

Terra Quote84879.pdf

Terra Universal Comput...



Terra Universal Waste B...

Terra Universal Wire Sh...

VWR:

VWR Laminar Flow Ben...

VWR Shelving and Carts...

VWR SS Carts.pdf

Strip Curtain:

Copy of 22240 -Texas A&...