MACHINE BASES AND FRAMES
BASE FRAME FOR ROBOTIC WAFER HANDLING SYSTEM

Product Description

Designed for rigid mounting of robot system and accessories. Engineered to withstand acceleration and deceleration forces of robot motion.
Product Description

Automated machine guarding

• Provides access to vital areas and electrically interlocked doors prevent access while machine is running
• Shape of guard nicely fits machine for aesthetics
• Smooth sides provide for easy wipe down and minimizes particulate build-up.
Product Description

Designed as a machining enclosure.
- Units fitted with HEPA or ULPA filters
- Stationary or portable
- Can be fabricated in sizes to accommodate machine dimensions
- Doors electronically interlocked
- Panels can be easily removable for servicing machine
Product Description

- Customer designed frame for supporting flat screen measurement equipment
- Closed slot profile on outer structure for smooth panel transition
- Multiple slot profile at inner structure for customer equipment interface
- Adjustable, but rigid, fasteners allow crossmember adjustment.
MACHINE FRAME

Product Description

Skeleton frame for integral mounting of components.
• Support plates and components easily mount to tee-slots in extrusion
• Exterior access doors and enclosure panels will be fitted to protect machine component and also mount easily into tee-slots
MACHINE ENCLOSURE

Product Description

Specialized enclosure for automated inspection operation.
• Note “wedge” shape is easily accomplished using the Bosch Structural Framing
• Access doors are easily incorporated and located for serviceability
• Access doors are also equipped with safety interlocks
Product Description

Designed to handle horizontal glass panels for placement in and out of process chamber.

- Electric actuator raises and lowers end effector supporting glass
- Controlled by push button pendant, end effector moves horizontally on Bosch LF-12 rails with smooth motion
OVEN ENVIRONMENT FRAME/CHAMBER

Product Description

- Heat shrink process enclosure for optical cameras
- 2-assembly design for vertical travel via
- Bosch slide bearings and customer integrated actuator
- Smoked polycarb panels provide minimal light exposure
- 20 series profile minimizes overall package size
BASE FRAME FOR ROBOTIC WAFER HANDLING SYSTEM

Product Description

Basic structural frame used for support of parts on trays. Trays drop and nest into top of frame.

- Low cost and fast delivery
- Easily configured dimensionally for exact requirements
Product Description

Designed for portability and access to control components. Framing tee slots provide sturdy and easy mounting of all hardware, as well as tie points for wire and process tubing routing.
PROTOCOL ANALYZER AND TRAFFIC GENERATOR FRAME

Product Description

Designed for optical communication company

- Customer defined frame fixture
- Closed face profile for smooth transitional surface to customer installed sheet metal skins
- Adjustable feet optimize frame level to floor for sensitive electrical equipment
- Stand alone design

FOR MORE INFORMATION CALL: 800.774.5630
www.valin.com
RFID PEDESTAL

Product Description

RFID reader and programming enclosure
- Designed to place along side production line conveyor for “real-time” interface during parts manufacturing
- Compact and durable

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Product Description

- Mobile particle counter compartment for manufacturing floor
- Key entry lock and handle
- Lightweight black plastic panels to maintain clean environment for light sensitive components
Product Description

This solar panel testing station in its final installation is enclosed in a ventilated booth which we have constructed. Panels are cleaned and tested utilizing a linear guide system that is fixed to the horizontal upper member. Pressurized solvent tanks are stored on the lower platform. In its final configuration we have included lighting, enclosure, access door and pressure sensors to ensure positive ventilation.
Product Description

Light barrier enclosure for film and light sensitive material. Valuable films and cameras are securely stored.
Product Description

Designed for a disc drive storage manufacturer
• A typical frame structure for electrical and/or motion components
• 45 light series profile utilized for minimized weight
• External gussets used for quick assembly
VENTILATED ENCLOSURE

Product Description

• Stand alone enclosure
• Light duty construction
• ESD polycarb panels for sensitive electronic environment
• Perforated panels provide ventilation
Product Description

Enclosed inspection area with special lighting to enhance inspection.

- Cleanroom compatible
- Fast and easy to configure
This low cost, high quality framing system was designed for a semiconductor company to hold an x-ray machine that inspects the soldering or etching of microchips. The samples are placed inside the enclosure and then the x-ray camera inspects the samples. The wheels make it easy to move the unit from place to place.