

MFRS. REPAIRS &
CONSULTANTS OF

INDUSTRIAL FURNACES
OVENS, DRIERS
PHARMACEUTICAL EQUIPMENTS
PRODUCT COATING SYSTEMS

We deal in Heat



SHIKOVI Heat gen Technologies Pvt. Ltd.

Product Bulletin
No.

X-Y MANIPULATOR

DESCRIPTION :

X-Y Manipulator is used for holding and moving Plasma / Metal Spray Gun. The gun movement program and stroke path is predecided from zero position. Entire mechanical slide assembly will consist of Gun Holding Device, Ball screws of suitable lengths, Recirculating Ball nuts, Slide belts, Proximity switches, Aluminium cast and Machined shaft mounting brackets. Moving parts are covered with bellows, Dust covers etc. The total assembly is mounted on heavy duty structural frame with heavy duty casters for movement of complete X-Y Manipulator and mechanical jacks are provided to lock / adjust the height by 1/4" on +ve and -ve side. This screw type jacks for height adjustment, loading and stability during operation.



THERMAL SPRAY EQUIPMENTS

This is a combination horizontal and vertical traversing system. System will consist of a high speed horizontal and vertical unit, functionally integrated to provide various movements like X step Y, Y step X, vertical Zig Zag, Vertical Scan, Horizontal Scan and many more. All movements are controlled by PLCs. Unit will have a separate control unit and electrical cables.

The unit will be provided with two proximity sensors to designate home positions of both axis and an over travel limit switches to lock out drives. The complete assembly is coated with 2 coats of primer and heat resistance paint.

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SHIKOVI Heat gen Technologies Pvt. Ltd.

We Conceive Applications We Design Engineer Manufacture & We build your will

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