

Product Name :
Astra Scientific Pico CNC Mill Trainer

Product Code :
CADLab0008



Description :

Astra Scientific Pico CNC Mill Trainer

Technical Specification :

CNC milling is a specific form of computer numerical controlled (CNC) machining. Milling itself is a machining process similar to both drilling and cutting, and able to achieve many of the operations performed by cutting and drilling machines. Like drilling, milling uses a rotating cylindrical cutting tool.

FEATURES:

- Spindle Rotation Angle ± 450 .
- Table Locking Facility with Stepper Motor.
- Manually Operated MT3 Taper Collet Holder.
- Circular Interpolation in X, Y Planes.
- Program Entry through Keyboard, Via PC.
- Single Block, Auto, Jog Modes of Execution.

- Emergency Stop is provided.
- Compact Machine can be demonstrated in Class Room.

SPECIFICATION

Ø TABLE

• Size : 390 x 170 mm. (Approx.)

• T Slot : 12 mm.

Ø Axis Travel

• X Axis Traverse : 100 mm.

• Y Axis Traverse : 150 mm.

• Z Axis Traverse : 100-2500 RPM.

Ø Spindle

• Spindle Speed : 3 Axis (X, Y & Z)

• Spindle Power : 0.005 mm.

Ø Axis Control : ± 0.050 mm

• Control : 300 mm.

• Least Count : 0 – 20 mm.

• Positional Accuracy : DC Stepper Motor for all the Axis.

: G, M, Rapid, Inverse Rate

- Feed Rate

: MT3.

- Axis Drive

: 230 V, 50 Hz.

- Programming Canned Cycle

- Collet Holder

- Electrical Power



Astra Scientific

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