

Equipment / Resources required for CNC Skill training (Milling) laboratory

S.NO	DESCRIPTION	QTY
1.	<p>CNC MILL SEMI PRODUCTION cum TRAINER With Industrial (HUST) (Controller VMM-IA-200) (Servo Motor Package) With necessary Set of Tooling and equipment. 12 station Automatic Tool Changer (with 6 Nos. of collet holders)</p> <p>Tooling Package (included) Collet Holders BT 30 – 6 Nos. Collet 4,5,6,8,10,12 mm 1 each Twist Drill, Slot Drill, End mill cutter –Collet 4,5,6,8,10,12 mm – 1 each</p> <p>Manual Pulse Generator , (included)</p> <p>Air Compressor 2 HP 40 Ltrs. (included)</p> <p>3 KVA Servo Stabilizer single Phase (included)</p> <p style="text-align: right;"><i>(GST as applicable)</i></p> <p style="text-align: center;"><i>Transportation and Installation - Inclusive</i></p>	1

MACHINE SPECIFICATIONS:

Model	VMM – IA- 200
X- Axis Travel	250 mm
Y- Axis Travel	175 mm
Z- Axis Travel	200 mm
Table Size	500×200 mm
Spindle Nose to Table Top	40- 190 mm
Spindle to Column	110 mm
Spindle Inside Taper	BT 30 / ISO 30
Maximum Tool Size	Diameter 12 mm, Length 70 mm
Spindle Motor	2 H.P DC Motor with 3000 RPM
Resolution	0.005 mm
Repeatability	± 0.01 mm
Automatic Lubrication Points	Provided
Interpolation	Linear, Circular
Programmable Feed Rate	0- 800 mm / Min. (X,Y,Z)
Rapid Feed Rate	0-1200 mm / Min. (X,Y,Z)
Control System	HUST / Equivalent Industrial Controller
Automatic Tool Changer	12 Station (Pneumatic)
Lubrication	Centralized (Programmable)
Axis Motor	Servo Motor (Optional)
Main Supply	230 V AC, 1 Phase for Machine and 3 Phase 415 V AC for ATC
Machine Dimensions	Approx. 1200 x 1200 x 1800 mm
Total Weight	Approx. 1200 Kg.