



National Award for Outstanding Entrepreneurship - 2010



National Award for Quality Products - 2002

VERSATILE SPECIMEN CUTTING MACHINES : SERIES 7001CM



7001CM



7001CM-25



7001CM-50



7001CM-60



7001CM-100

Description :

In metallography, the structure of the sample, to be taken, should not be changed. Cutting of the sample is the first step during sample preparation. Preservation of specimen to be cut, for observation, is essential. **Vaiseshika** offers a versatile range of Specimen Cutting Machines Series 7001. **Vaiseshika** Machines are engineered for precision yet are powerful & ergonomic in use. These machines adopt slow-high speed rotating grinding wheel to cut specimen. Some of the models are equipped with cooling system to prevent the heat damage, to the sample, during cutting.

Model	7001CM	7001CM-25	7001CM-60	7001CM-50	7001CM-100
Specification					
Specimen Size	25 X 25mm	∅ 25mm/0.01mm	∅ 60mm/0.1mm	50 X 50mm	∅ 100mm
Cutting Disc	355 X 3mm	100-150mm	100/125/150/200mm	300 X 32 X 2mm	350 X 32 X 2.5mm
Speed in RPM	3800	60-600	300-5000	2800	2800
Coolant Facility	Available	Available	Available	Available	Available
Motor Capacity	2300 Watts	50 Watts	1100 Watts	2.6 K Watts	3.0 K Watts
Input Voltage	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	380 Volts AC/50 Hz.
Phase	Single	Single	Single	Single	Three
Dimensions	635 X 560 X 788mm	350 X 350 X 200mm	700 X 720 X 410mm	740 X 465 X 390mm	720 X 700 X 620mm
Weight	40 Kg. Apx.	18.5 Kg. Apx.	150 Kg. Apx.	70 Kg. Apx.	194 Kg. Apx.
APPLICATIONS	Precision Cutting of Cooper, Brass, Steel, Alloy Steel in range of cross sections	To cut all kind of hard materials, especially for cutting high value fragile crystals	To cut precisely large scale specimens. It applies to a series of Materials from low hardness to high hardness with strong flexibility. It is mainly used in the fields of metals, ceramics, composite materials, mineral material & bio materials.	Manual cut-off machine designed for wet cutting large and small, regular or irregular shaped metallic, Ceramic or composite materials. The machine is equipped with a powerful motor, driving the cut-off wheel towards the work piece	



CUTTING CONSUMABLES



GRINDING CONSUMABLES



ALUMINIUM OXIDE CUT-OFF WHEELS