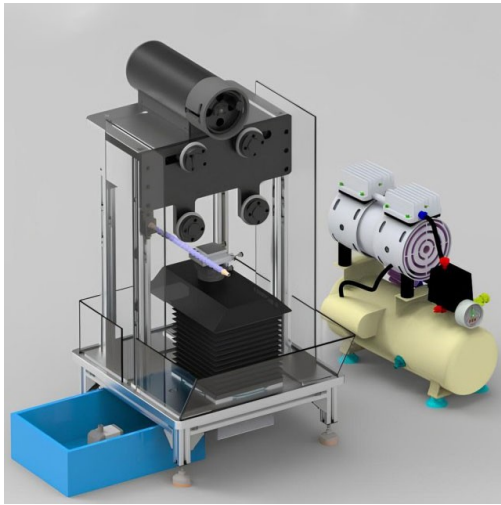


High Precision Diamond Wire Cutting Machine

Item Number: CM-1



Introduction

The high precision diamond wire cutting machine is a versatile and precise cutting tool designed specifically for material researchers. It utilizes a continuous diamond wire cutting mechanism, enabling precise cutting of brittle materials such as ceramics, crystals, glass, metals, rocks, and various other materials.

[Learn More](#)

Power supply voltage	220V 50Hz; Maximum power:
Spindle speed	Adjustable within 2rpm to 260rpm
Control system	① Manual control: Y axis and Z axis speed range 1 40mm/min; ② Automatic control: Y axis feed length 0.01 50mm; Z axis feed speed 0.05mm 40mm/min length 0.01 50mm; Z axis feed speed 0.05mm 40mm/min Z axis feed length 1 60mm; Automatic cutting frequency 1 99;
Total length of cutting line	20m
Inner distance between two guide wheels	95mm
Y-axis travel	≤ 50mm
Z-axis travel	≤ 60mm
2D fixture	Horizontal rotation 0-360 °, left and right inclination 20°
Load plate size	80mm× 51mm
Cutting depth	≤ 50mm 11. Maximum sample size for cutting: Ø 50mm × 50mm