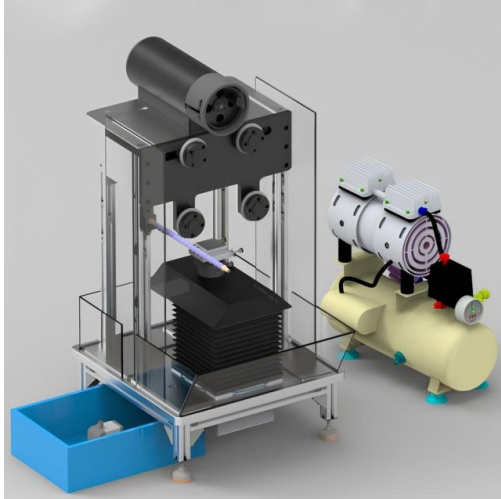


# High Precision Diamond Wire Cutting Machine Laboratory Saw Precision Wire Edm Cutting Machine

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](#)

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