

Automatic Metallographic
Sample Cutting Machine
Model: JG-141



(For reference only)



Application and Features

JG-141 Automatic Metallographic Sample Cutting Machine include body, electric control box, cutting room, motor, cooling system, and abrasive cutting wheel. It can be used to cut round specimens with max. diameter 100mm or rectangle specimen within height 100mm, depth 200mm. It is equipped with automatic cooling system to cool the sample, to prevent the sample overheating and burning during the cutting process. Users can set the cutting speeds due to different samples, so as to improve the quality of cutting samples. With large cutting chamber and easy operation for user, the cutting machine is one of metallographic test necessary sample preparation equipments for colleges, factory enterprises.

Technical Specifications

Model	JG-141
Display	High-definition LCD display cutting data
Process tracking	Live preview
Spindle rotating speed	2100r/m
Cutting speed	Seven grade
Max cutting diameter	100mm
Max. cutting tube	100mm x 200mm
Cutting table size	Double layer, movable workbench, separated style
Cutting means	Manual cutting and automatic cutting switch freely
Cooling system	Dual channel automatic water cooling
Reset model	Automatic reset
Feed way	Two-way feed, increased the depth/length of cutting
Grinding wheel	350 x 2.5 x 32mm
Motor power	3kW
Type	Desk Type (Vertical type optional)
Cooling liquid tank	60L



Standard Accessories

- In and out water tube each 1 pc
- Abrasive cutting wheel 2 pcs
- Optional: Cabinet, quick clamps

