

Manual/Automatic Metallographic Sample Cutting Machine

Trinita-80Y/80XY



Application & Features

Trinita-80Y Series is equipped with big cutting room and movable T-shape work table. Therefore this machine has the ability of cutting rectangle and large specimens. Also the equipped separate type vice is very convenient for operator to clamp various heterotypic work pieces. Various cutting data can be displayed on high definition backlight type LCD screen. Manual cutting and automatic cutting means can be switched at will. Large cutting chamber, tempered glass observing window and it is equipped with 60L cooling liquid water tank. Non-burning loss swing type cutting means it improved the cutting quality. Automatic withdraw function after cutting is finished, bi-directional feeding means increase the length of deep cutting.

Main Specifications

Model	TRINITA-80Y
Display	LCD with High Resolution Back-lit Dot Matrix
Cutting Disc Rotating Speed (Sand Wheel Rotating Speed)	2100rpm
Maximum Cutting Diameter	80mm
Cutting Disc Specifications	350 x 2.5 x 32mm
Axis Movement	Y-axis Movement Automatic (Optional X-Y Axis)
Maximum Moving Travel	125mm
Maximum Working Table Travel	275mm
Power Supply	Three Phases, 380V, 50Hz
Motor	2.5kW
Dimension	835 x 850 x 620mm
Weight	25kg

Optional Model

Trinita series also comes with optional model with the movement of X and Y-axis automatic under the model of Trinita-80XY.

