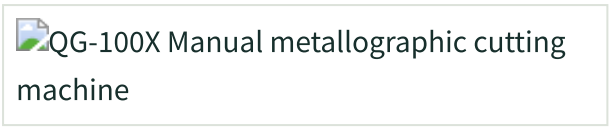
QG-100X Manual metallographic cutting machine

Manual metallographic cutting machine • Technical datasheet

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Built as an integrated floor-standing machine, the QG-100X supports precision sectioning of metals, ceramics, rocks and electronic components. Automatic coolant circulation accompanies the cutting process. The split, two-level positioning platform is designed for accurate placement of individual cuts and successive cuts, allowing specimen blocks or slices to be taken from a range of workpiece shapes for further preparation and examination.

Specifications

Model	QG-100X
Control system	Push buttons
Door opening	Front-opening lid
Spindle speed	2840r/min
X table movement	manual 50mm
Clamping table	Split table
Y travel	manual (250mm)
Maximum cutting dimensions	130*380*100mm
Cutting modes	manual
Effective travel	Up to 220mm (adjustable)
Cutting table dimensions	250*300mm
Cutting speed	manual
Feed method	manual
Reset method	manual
Feed rate	manual
Cutting progress display	/
Maximum wheel dimensions	ϕ350*2.5*ϕ32mm
Cooling system	Automatic water cooling, 4 channels

Tank capacity	60L
Motor power	4.0KW
Machine configuration	Integrated floor-standing unit
Power supply	380V
Dimensions	850*950*1350mm (L * W * H)
Net weight	300KG
Gross weight	350KG

Contact

Phone: 400-8127-833 / +86-21-58391850
Email: shanghai@yr17.net

Address: No.1478 Nanfeng Highway, Fengxian District, Shanghai, China
Website: www.cnnoet.com

Compiled from published product information. Final configuration follows the technical agreement; confirm options, fixtures and scope with an application engineer.

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