ZXG-100 Diamond wire cutting machine

Diamond wire cutting machine • Technical datasheet

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The ZXG-100 is intended for sectioning special ceramics, crystals, electronic ceramic components, gemstones, rocks and glass. Its touchscreen PLC system controls the cutting process and supports preparation of square specimen bars as well as automatic successive cutting of thin slices. Both specimen formats are supported within the machine’ s controlled cutting sequence for brittle-material sampling.

Specifications

Model	ZXG-100
Cutting shaft speed	200 - 1000r/min
X cutting travel	automatic 100mm
Y cutting travel	automatic 100mm
X/Y speed	0 - 100mm (stepless speed control)
R axis speed	Options
Control system	7-inch color touchscreen, PLC control system
Cutting modes	Automatic (single cutting and continuous slicing)
Feed method	automatic
Effective feed travel	80*80mm
Progress tracking	LCD digital display (real-time)
Cutting wire dimensions	0.35 (0.2/0.25/0.35/0.5/1mm, etc.)
Cutting speed	0 - 5mm/min (stepless speed control)
Cooling system	automatic 20L
Motor power	1.0KW
Power supply	220V
Dimensions	900*700*850mm (L * W * H)
Net weight	200KG
Weight	220KG

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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