Laboratory Stirring Oil & Water Bath; Capacity: 0.8L to 2.5L

Brand **Master Science**



Oil Bath

The following data describe the MSZNCLGS1130SWISS and MSZNCLGS1190SWISS stirring oil bath systems. These dual-function instruments serve as both oil baths and water baths, with integrated magnetic stirring. All values are measured under the manufacturer's standard test conditions.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Key Benefits

- Integrated heating and stirring eliminates separate equipment

Technical Specifications

PARAMETER	SPECIFICATION
Model numbers	MSZNCLGS1130SWISS and MSZNCLGS1190SWISS
Top pot volume	0.8 Liters (MSZNCLGS1130SWISS) and 2.5 Liters (MSZNCLGS1190SWISS)
Internal bath volume	0.5 Liters (MSZNCLGS1130SWISS) and 2.0 Liters (MSZNCLGS1190SWISS)
Temperature control mechanism	Advanced PID auto-control microprocessor
Operating temperature range	Ambient room temperature up to 400°C
Maximum top pot temperature	350°C
Temperature control accuracy	±1°C
Thermal uniformity	±2°C across the entire working area
Thermocouple sensor	PT100 with both inner and outer probes
Stirring speed range	100 to 1800 RPM
Stirring speed accuracy	±1 RPM
Outer chassis	High-quality, durable Stainless Steel 304

PARAMETER	SPECIFICATION
DisplayHigh-visibility digital display for precise, real-time monitoring	
Heating power400 W (MSZNCLGS1130SWISS) and 500 W (MSZNCLGS1190SWISS)	
VoltageCompatible with 160-240V or 110-130V standard power supplies	
Model identification and capacities	
Temperature performance	
Stirring performance	
Construction and materials	
Inner tankPremium aluminum coated with sprayed Teflon for ultimate corrosion resistance	
Electrical specifications	
Included accessories	
Outer PT100 thermocouple	
PTFE-coated magnetic stir bar	
Removable holder	
Clamp with screw	

> The system combines a hot plate, water bath, oil bath, and magnetic stirrer into a single compact instrument.