

3

**Year
Warranty**

Did you know?

Heathrow Scientific has strict standards that include 3rd party plant reviews and 100% multi-level product inspections. These actions result in a 99.7% reliability on our equipment and 99.99% reliability on our laboratory supplies.





The Magnetic Induction Stirrer uses modern magnetic coil technology that has no moving parts resulting in a motor-less wear-free drive and maintenance free unit.

High-quality rare-earth magnets are used in the stirrer design to ensure a strong magnetic coupling with consistent accurate alignment which significantly reduces the chance of spin-outs.

The magnetic induction stirrer is ideal for use in general research, life science, industrial, quality analysis, and clinical laboratory settings.

- Durable ABS housing is corrosion resistant and easy to clean
- Wear-free magnetic coils offer consistent and noiseless operation
- An easy to read digital display precisely controls time and speed enabling reproducible conditions
- Unit is programmable with 50% duty up to 99 cycles
- Time and speed can be conveniently adjusted while the unit is running
- Reverse rotation option for better mixing results
- Speed remains constant, even when load changes
- Rapid acceleration and braking (less than 10 seconds) to quickly meet stirring speed requirements
- Silicone rubber mat on lid prevents slipping of vessels and improves safety
- Included stir bars have PTFE coating for chemical resistance
- Community Design No: 003515337-0001-0002
Euro. Pat. App. 3 246 088
US Design Patent No. D814,045
US Utility Patent Pending



Specifications:

Speed Range: 10 to 2,000rpm
Run Time Ranges:
Stirrer Mode: 0'30" to 60'0" or continuous
Oscillating Mode: 0'30" to 60'0" and 1-99 cycles
Oscillating Period: 50% duty cycle
Capacity: 3 Liters Plus
Mixing Surface: Approx. 160 mm in diameter
Weight: 1.13 kg (2.50 lb)
Electrical:
Power Adapter Rating:
 Input: 100-240 VAC 50/60 Hz 1.0A
 Output: 12 VDC 2.2A
Stirrer Rating:
 Input: 12 VDC
 Current (under load): Approx. 1.5 A
 Power: Approx. 18W

Three-year Warranty

Certifications:



Magnetic Induction Stirrer

Item No.	Color	L x W x H		UOM
		in	cm	
120584	Grey/Purple	9.7 x 7.7 x 3	24.5 x 19.5 x 7.5	1 ea, 2 ea/cs
120585	Grey/Blue			

Package includes:

- Magnetic Induction Stirrer
- 2 Stir bars 35 mm x 12 mm Cylindrical Shape
- 1 low voltage, double insulated power adapter with 4 interchangeable plugs



Safety Standards:

IEC/EN 61010-1:2010 ed.3 + c1, c2
 ANSI/UL 61010-1:2012 ed.3 (R2016)
 CAN/CSA C22.2 No. 61010-1-12 (R 2017)
 IEC 61010-2-051: ed.3
 ANSI/UL 61010-2-051 ed.3 (R2016)
 CAN/CSA C22.2 No. 61010-2-051

EMC Standards:

IEC 61326-1:2012 (EN 61326 1:2013)
 FCC Part 15, Subpart B: 2015
 ICES-003, Issue 6
 2012/19/EU (WEEE)
 2011/65/EU RoHS2