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UIS-360, Universal Inoculation Spinner

Basic Plus
Product Class

DESCRIPTION



The **UIS-360** Universal Inoculation Spinner is a versatile laboratory device designed to streamline microbial plating and ensure consistent results. It provides smooth, uniform rotation for spreading samples across agar surfaces, improving both efficiency and reproducibility in microbiological workflows. With an adjustable speed range of 10–300 RPM – the broadest in its class – the UIS-360 accommodates various protocols from gentle inoculum spreading to vigorous. Its compact footprint and lightweight build make it easy to handle or even take into the field (it runs on just 3.7 W, so it can be powered by a standard 12 V battery pack). The inclusion of a foot-switch for hands-free control and a protective shield for splash protection further enhance user comfort and safety.

Use it for:

- routine culturing and isolation of microorganisms;
- antimicrobial susceptibility testing;
- pathogen detection in patient samples or research;
- epidemiological studies and outbreak investigations;
- microbial contamination analysis in food products;
- quality control and safety assessments;
- monitoring microbial presence in soil, water, and air samples;
- assessing environmental pollution and biodegradation processes;
- sterility testing of products;
- research and development of antibiotics and probiotics;
- educational purposes in teaching microbiological techniques;
- fundamental and applied research in microbial physiology and genetics.

Key Features and Advantages:

- Universal Compatibility - fits both square (125 × 125 mm) and round Petri dishes (up to Ø105 mm) out-of-the-box, and even up to Ø150 mm with an optional adapter.
- Widest Speed Range - adjustable speed control from 10 to 300 RPM – offering the widest range among similar plate spinners.
- Continuous and Hands - free Operation: supports continuous rotation for extended procedures, with an included foot-switch for hands-free control.
- Enhanced Safety - equipped with a protective polycarbonate face shield that guards against accidental splashes and aerosol droplets.
- Compact & Portable Design - measures only 170 × 190 mm on the lab bench, weighs ~0.85 kg, and can even be powered by a 12 V DC power bank.
- Delivers smooth, uniform rotation for even spreading of samples, improving reproducibility between plates.

CAT. NUMBER

BS-010177-A01	230VAC 50/60Hz Euro plug
BS-010177-A02	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)

SPECIFICATIONS

Speed control range	10 - 300 RPM (adjustable)
Operation modes	Continuous operation or foot-switch activation (on/off control)
Maximum continuous operation time	168 h
Plate compatibility	□ up to 125 × 125 mm; ● up to Ø105 mm (platform available for up to Ø150 mm, on request)
Safety features	Removable splash shield, non-slip rubber feet, automatic shutoff on foot-switch release
Overall dimensions (W×D×H)	170x190x110 mm (without shield) 200x190x240 mm (with shield)
Weight	0.85 kg
Input current/power consumption	12 V, 310 mA / 3.7 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

ACCESSORIES



USB-C to power socket 12V adapter
BS-000001-S27

USB-C to power socket 12V adapter intended for use with external power banks.



FS-1
BS-010177-AK
Foot switch

FS-1, Foot switch with USB-A connector. Wire length 2m.