empowering biotechnology

# BioIntegrated

# BIS SHAKERS<sup>TM</sup>

## The Next Generation of Shakers

## Microplate Shaker

#### **FEATURES**

- · Microplate Footprint
- RS 232 Communication Port
- Automation Friendly
- Compatible with microplates, optimized for 384 well plates
- 24 VDC operation (integrated units)
- GUI for stand-alone operation with heaters and other external devices
- Full integration with liquid handling devices

#### APPLICATIONS

- Dissolution Assays
- Plasmid Purification
- Magnetic Bead Assays

### Test Tube Shaker

#### **FEATURES**

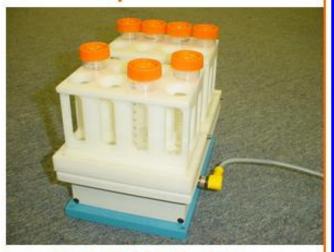
- Compact Footprint
- RS 232 Communication Port
- Automation Friendly
- Compatible with Test tubes and Vials
- 24 VDC operation (integrated units)
- GUI for stand-alone operation with heaters and other external devices
- Full integration with liquid handling devices

#### APPLICATIONS

- Dissolution Assays
- Plasmid Purification
- Magnetic Bead Assays



Microplate Shaker



**Test Tube Shaker** 

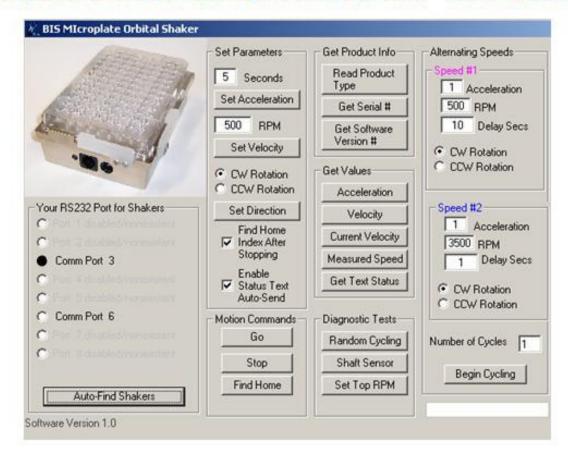


Bio Integrated Solutions Inc 1299 North Arbor Lane, Palatine IL 60067

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### RS 232 Communications Protocol with "Auto Detect"



Instrument Configuration	Bis Microplate Shaker™	Bis Test Tube Shaker™
Dimensions W x D x H	5.500" x 3.500" x 1.500" (140.0 mm x 90.0 mm x 40.0 mm)	5.500" x 8.000" x 5.500" (140.0 mm x 203.0 mm x 140.0 mm)
Power Supply	24 VDC, 180 mA. for integrated units Stand-Alone Units 100 – 240 VAC 50 – 60 Hz	24 VDC, 180 mA. Stand-Alone Units 100 – 240 VAC 50 – 60 Hz
Orbital Motion	2 mm diameter, circular shape, constant everywhere on well plate	4 mm diameter, circular shape, constant everywhere on well plate
Material	Aluminum, nickel plated, stainless steel hardware, white polyethylene clips	Aluminum, nickel plated, stainless steel hardware, white polyethylene clips
Weight	2 lbs	5 lbs
Regulatory Standard	Compliance with CE/CSA	Compliance with CE/CSA
Pricing Information	OEM Packages Available (847) 712-3085; info@biointsol.com	OEM Packages Available (847) 712-3085; info@biointsol.com

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