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Bm50 Bulk Mixer



Introduction:

Tasman Scientific has designed this equipment with safety, reliability, functionality as primary goals.

The control system uses a proprietary microprocessor controller to implement speed and time functions.

Drive system is geared direct drive variable frequency inverter motor controller.

Safety is assured by a torque limiting coupling and tamper proof safety switch incorporated into the clear Polycarbonate opening door.

Any spillage is completely contained within the stainless steel base for easy cleanup.

Operation is virtually silent.

Operation.

Manual operation

- Press the mixer power switch to on.
- Press select/reset to cancel the timer.
- Set the desired speed, one push per digit or hold down to scroll.
- Push start/stop key, after 3-4 seconds the mixer will slowly increase to set speed.
- Speed can be altered up or down while in use if required.

Note: In the event of a power interruption the display will flash the message **Pi** (power interrupt). Once power is restored the mixer will continue as previously set. To cancel the Pi message press the START/STOP button, press again to continue.

Timed operation

- Press the mixer power switch to on.
- Press select/reset to select hours or minutes, then increase to the required time.
- Set the desired speed, one push per digit or hold down to scroll.
- Push start/stop key, after 3-4 seconds the mixer will slowly increase to set speed.
- Speed can be altered up or down while in use if required.
- Press the start/stop key once to interrupt the cycle press again to continue.
- To cancel the timer press select/reset.

Pre set programs

- Set time and speed as above.
- Hold down the required program button until the second 'beep' is heard (approx 4 secs).
- The remaining program buttons can be set or changed in the same way.
- Once set, press the required program button, then start/stop to begin operation.
- Speed can be altered up or down while in use if required.
- Press the start/stop key once to interrupt the cycle press again to continue.

Note: Holding down the INCREASE/ DECREASE keys will allow the display to scroll.

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Loading

Using the control panel located JOG button, position the rotary container so the cover and latches are accessible from the door.

Open the door to access.

Small adjustments can be made to the cover position by manually rotating the container by hand.

Release the latches to load/unload. See fig 1 below

A variety of bottle shapes can be stacked into the container using any suitable packing materials. Heavy sponge lining is supplied.



Fig 1

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Specifications

- Box capacity is 0.1m³ each.
- Designed to accommodate 8 x 2.5 litre Carboys per tumbler.
- Container outside dimensions H 350, W 175, L 1300. Thickness 10mm.
- Speed range 1-50 RPM
- Time in hours or minutes 0-99
- Very quiet in operation.
- High security- safety cut-off.
- Maximum power consumption is 300watts each.
- Power is 240V AC 1.25A 50 Hz, 110VAC on request.
- Total weight is:50kg approx.
- Dimensions: H 1.35m, W 1.6m W0.65m.

Warranty

Tasman Scientific equipment is covered by a 12 month parts and labour warranty effective from the date of purchase.

This warranty covers the repair or replacement of any parts or components found to be defective, subject to the service options listed below.

This warranty excludes any defect resulting from misuse, neglect, accidental damage, improper voltage, or any alteration which affects the performance of the equipment.

- Does not extend to any costs associated with delivery, damage, or loss incurred during transport.
- Is in addition to any Statutory regulations and provisions implied by the Trade Practices Act and any relevant State or Federal Government obligations.

For warranty service the following options are available:

- Contact the supplier from where the equipment was purchased to arrange for service.
- Return the equipment to Tasman Scientific.

Warranty repairs not returned to Tasman Scientific can be undertaken by authorised service personnel but are limited to a parts only warranty.

Note: Proof of purchase is required for all warranty repairs.