

LOGMATIC

DIGITAL COLONY COUNTER



Introduction

Logmatic is a multi-purpose colony counter from Burkard Scientific. This lightweight single channel instrument is aesthetically designed for rapid counting of particles under a range of widely different conditions.

Originally developed for research work in agriculture the applications include:

- Routine bacterial populations
- Insects in a conductive media
- Spore concentrations
- Soil animals
- Industrial counting applications

A variety of precision probes are available to activate the counter. They are selected for the specific use and all have individual operating characteristics.

Standard felt tip pens can be an advantage for making notes without the need to change probes. Conducting probes have an input impedance of 10 Meg ohms and will operate over areas of low conductivity. This low probe potential prevents damage to objects being counted and is particularly beneficial for living species. Counting speeds up to 25 IPS are possible and a 'bleep' indicates that the count is positively registered. Light activating switches and proximity sensors may be employed if the counter is used for 'on-line' industrial applications.

Logmatic employs modern electronics with a clear LED display. Panel components on the standard model are a probe socket and push button zero and options can include a switch to increment and decrement the count. The case is manufactured from durable ABS light grey plastic fitted with an elevating foot that folds flat when not in use and also provides a convenient carrying handle.

Probe types offered

- Sensitive pressure marking probes - employed to count and mark the surface of petri dishes and other containers to avoid repeat counting.
- The conductive marking probe permits counting of an insect with simultaneous marking.
- A plain stainless steel contact probe permits counting of items that are conductive but do not allow marking because of limitations such as surface area.
- A simple pressure probe with plastic tip is offered for general counting procedures.

Specifications

Voltages	110VAC x 60Hz, 240VAC x 50Hz
Fuse Ratings	T2Amp & T1Amp
Dimensions	140mm x 190mm x 70mm
Net Weight	0.63Kg
Standard equipment	Logmatic is supplied with two probes as standard, pressure marking and conducting contact probe. For full details contact Burkard Agronomics Instrument Sales section.

Ordering Information

Product Code	Description
BS00276	Logmatic

The company reserves the right to make changes to the specification without notice. For full details contact Burkard Scientific Instrument Sales section.

