Automated Gram Stainer

Dimensions/Weight:

Width 30.5 cm (12.0 in.)
Height 40.6 cm (16.0 in.)
Depth 33.0 cm (13.0 in.)
Weight 12.24 Kg (27.00 lb)

Power Requirements:

Input 100-240 50/60HZ

Temperature, Ambient Operation:

16-32 Degrees C (60-90 Degrees F)

Humidity:

0 to 95% without condensation

Operator Adjustments:

Individual Adjustable Stain Times on Both Short and Long Cycles
Adjustable Sleep Mode
Adjustable Audible Sound Volume Control

Operator Entry:

Moisture Proof, Soft Touch Keypad
Stain Resistant Metal Cabinet

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A Fully Automated Gram Stainer For Labs Of All Sizes

GG&B Company has designed and been issued a U.S. Patent for the process that will allow the Automated Staining and Decolourisation of Biological Material. This proprietary technology allows the lab to fully automate the Gram Stain process.

Electro-optical Process

The AGS-1000 automatically adjusts for sample thickness, has individual preference controls for colour intensity and is operator friendly.

Fast, Hands-Free Staining

Totally hands free, each slide is automatically stained, decolorized and counter stained in 3.5 to 4.5 minutes. The AGS-1000 has an automatic cleaning cycle, has internal diagnostic software for recording all tests.

Small Compact Size

The AGS-1000 is small enough to fit on any lab counter top and can be easily updated via a built-in disk drive.

Minimal Daily Maintenance

Easy and fast. It's as simple as the push of a button.

Features of the Automated Gram Stainer:

- Patented Decolourisation process that optically monitors run-off fluid at a rate of 20 times per second
- Totally hands free process
- Soft touch keypad
- Stain times from 3.5 minutes to 4.5 minutes
- Adjustable stain settings for colour intensity
- Automatic calibration of each sample
- Adjustable sleep mode for energy efficiency
- Stain resistant metal cabinet fits on counter top
- Consistency for all sample types
- Automatic cleaning cycle
- Internal diagnostic software
- Audible on/off alarm to signal end of test
- Decolorize only cycle
- Manufactured in USA

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