

# Antibiotic –Zone -Reader

Brand- **BIOGENIX®**



**Antibiotic zone** reading and calculations for antibiotic potency assays and colony counting with color digital imaging technology.

## PRODUCT DESCRIPTION

Making a precise inhibition zone measurement (100 µm resolution) manually can be challenging. The Biogenix Systems helps to perform this in a simple and precise fashion while avoiding parallax errors in readings. Pharmaceutical and clinical labs involved in inhibition zone measurements benefit from the use of this device. A precision rotating wheel accurately measures inhibition zones while being manually spun. This comes in handy in antibiotic susceptibility testing and antibiotic potency measurements.

## Salient Features :

- ➔ Accurate method for determination the strength of antibiotic material
- ➔ Micro processor based design
- ➔ Average of vertical diameter & Horizontal diameter of inhibited zone.
- ➔ Magnified image of inhibited zone is clearly visible on the prism
- ➔ Calibration Facility.
- ➔ Printout Facility.
- ➔ Facility to Store 4 Zones (Optional 6 Zones)
- ➔ IQ/OQ Documentation

## System Highlights

**High resolution:** The Biogenix has a 100 µm resolution.

**No parallax error:** The Biogenix exclusive screen-lens system avoids missing the ends of the haloes through its unique perpendicular reading technology.

**Clear display of results:** Results a clearly featured in a digital display.

## Technical Specification

<b>Model</b>	BS-ZR-100
<b>Magnification</b>	Factor 2.25
<b>Measuring range</b>	0–35 mm
<b>Resolution</b>	0.1 mm
<b>Mains</b>	100/240V 50/60Hz
<b>Power</b>	15W
<b>Dimensions (W×D×H)</b>	27×23×27 cm / 10.6×9.0×10.6 in
<b>Weight</b>	3 kg / 6.6 lb

## Key Advantages

- An accurate method of determining the strength of antibiotic material.
- Magnified image of the inhibition zone is clearly visible on the prism.
- Less time-consuming for measuring the accurate diameter of an inhibited zone ( $\pm 0.2$  mm).
- Easy to operate for single person.
- Display shows direct reading.
- Vertical and horizontal reading of the zone along with Average is stored in memory
- Printer Port



Digital Display



Screen lens system



Zone of visibility

Dealer Contacts

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