

## TME 001- INFRARED STERILIZER FOR INOCULATION LOOPS

### INTENDED USE

It is used for sterilization of loops.

### PRODUCT SUMMARY AND EXPLANATION

Infrared Sterilizer is compact size, lightweight with beautiful appearance. It is simple and convenient to operate. It has most advance technology and intelligent temperature controller. The stainless body is safe to use and easy to clean. It leads to zero pollution emittance. Sterilization is accomplished through infrared heat without the dangerous spattering of microorganisms

### PRINCIPLE

The infrared sterilizer uses infrared heating to produce maximum temperature of 830°C. It completely sterilizes microorganisms in 5-7 seconds. The infrared sterilizer uses well-proven technology to provide instant sterilization of inoculating loop used in quality control and research.

The Ceramic heating element is safely enclosed in a perforated stainless steel guard chamber, protecting users from accidental contact with the extreme temperatures of the core area. It is extremely compact, convenient and can be used in anaerobic and aerobic chambers.

SPECIFICATIONS		
Display	:	LED
Temperature Range (°C)	:	300-830
Temperature control precision (°C)	:	10
Temperature control accuracy (°C)	:	±30
Max. outer diameter of sterilizer items (mm)	:	13
The total length of heating area (mm)	:	140
Heating tube	:	Ceramic
Shell	:	ABS
Dimensions (LxWxH) (mm)	:	158x192x290
Weight (Kg)	:	1.5
Voltage (V)	:	220V, 50/60Hz
Power (W)	:	190
Working temperature (°C)	:	+10-40
Working humidity (%RH)	:	< 80
Storage temperature (°C)	:	-40-60
Storage humidity (%RH)	:	10-90

\*For Lab Use Only  
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