

BP-110

LABORATORY MICROWAVE OVEN



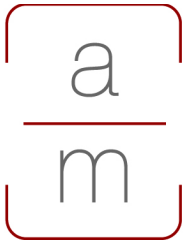
- 120 volt operation, 15 ampere – (230 VAC 50 Hertz input available)
- Up to 1,000 watts of microwave power
- High volume cooling for long life
- 5 different power levels plus a hold feature
- Bottom feed microwave using mode stirrer technology for even heating
- Up to twenty multistage programs can be stored for your most popular protocol
- Powered cavity exhaust to remove fumes from the cavity
- Includes 8 ft of chemical resistant flexible duct
- Includes 2 stainless steel clamps for ease of mounting the exhaust duct
- Includes adaptor to connect exhaust hose to the microwave
- Mode stirrer gives excellent uniform heating without the need of a breakable turntable common to domestic microwaves
- Cavity 330mm wide x 205mm tall x 330mm deep (13" x 8 1/16" x 13")
- Compact microwave – uses minimal counter space
- Stainless steel cavity and cover for easy clean up, chemical resistance, and long life
- Fully safety tested including microwave leakage
- Meets US FCC requirements & can be tested for Canadian CSA requirements

BP-110 LABORATORY MICROWAVE:

The BP-110 is a laboratory microwave from Microwave Research and Applications, Inc., with time and power based controls much like a domestic microwave oven that many laboratories use every day. It produces up to 1,000 watts of microwave power, the most common power level of domestic microwaves sold today meaning you should be able to use your existing protocol. The microwave has a powered cavity ventilation system that can be connected into the house air handling system or to an approved laboratory air handling system.

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APPLICATION/USERS:

Suggested uses include staining of microscope samples, drying slides, preparation of agar, heating laboratory materials. This laboratory microwave is intended to replace the domestic microwave ovens often used in the laboratory. It has been used for solids testing (TSS and “cake” solids wastewater testing), moisture content testing and for sample preparation for chemical analysis.

SPECIFICATIONS:

Output power	1000 microwave watts
Required input power	120 volt, 60 Hz., Dedicated 15-amp line
Dimensions	Outer 20.5” w x 12.16” d x 12.125” h (W/O handle and duct) Cavity 13.875” w x 14.625” d x 8.125” h nominal
Weight/Shipping weight	42/49 pounds
Operating frequency	2.45 GHz (an internationally regulated ISM frequency)
Cavity exhaust	Powered cavity venting, optional intergraded power cavity exhaust unit
Microwave Leakage	Less than 5 mW/cm² at 5 cm meeting FCC/FDA CDRH requirements

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