

Laboratory Microwave Equipment, Landgraf

Laboratory microwave unit MW 5000

These microwave units are optimized for use in the laboratory. Contrary to household equipment, they have the following characteristics:

Exhaust air outlet

The exhaust air is removed via an air outlet fitting which can be connected to an air extractor. A condensation cooler can be mounted in the exhaust air stream to condensate vapors over a collection basin.

Media fittings

Two 13-mm hole connections are included for attaching hoses for feeding in media, extractions, and cooling agents. When a microwave unit is operated with no or very little material loaded in it, the unit may be damaged because the energy is not absorbed. For discharge of excess energy, the laboratory microwave unit 5000 may optionally be equipped with a flow cooler.

Magnetic mixer (5100)

The microwave unit 5100 is equipped with a centrally arranged magnetic mixer. The adjustable speed range of the mixer is 50 to 1200 rpm.

Technical data:

HF power:	1000 Watt
Internal dimensions (W × D × H):	370 × 385 × 230 mm, 34 l
External dimensions (W × D × H):	580 × 530 × 343 mm
Air extractor connection:	DN 50
Connected load:	220 – 240 V/ 50 Hz, 1500 W
Material chamber:	Stainless steel with ceramic base
Material housing:	Stainless steel

Article	Order No.
Laboratory microwave unit 5000	10 67 23205
Laboratory microwave unit 5100 with magnetic mixer	10 67 23206

Temperature control

optional

Article	Order No.
Temperature control unit PT 100	10 67 23204

Accessories

Article	Order No.
Continuous cooler	41 67 73130
Condensation cooler	41 67 73120

