

DATA SHEET

BR-30 LAB PLUS



TECHNICAL CHARACTERISTICS

| | | |
|---------------------------------------|-----|-----------------|
| Exterior dimensions of the machine | mm | 550 x 330 x 360 |
| Interior dimensions of the vat | mm | 500 x 300 x 200 |
| Useful measurements of the parts grid | mm | 460 x 280 x 150 |
| Vat capacity | L | 30 |
| Power of the ultrasonic generator | W | 600 |
| Ultrasonic work frequency | kHz | 40/33 |
| Heating element | W | 500 |

CONTROL PANEL

| | | |
|--------------------------------|---------|--------|
| Method of operation | | Manual |
| Operating time | minutes | 1-99 |
| Thermostat | °C | 0-80 |
| Heating start-up | | On/Off |
| Working frequency of 40 kHz | | On/Off |
| Working frequency of 33 kHz | | On/Off |
| Stop & Go Bifrequency Function | | On/Off |
| Frequency sweep function | | On/Off |

ELECTRICAL CONNECTIONS

| | | |
|-------------------|----|-------|
| Supply voltage | V | 230 |
| Working frequency | Hz | 50/60 |

STANDARD EQUIPMENT

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|---|
| Main switch |
| Manual cover made of AISI 304/316 "end-of-day" construction |
| AISI 304/316 work basket. |
| Outer panel made of AISI 304/316, 1 mm thick |
| Tank made of AISI 304/316, 2 mm thick |

FUNCTIONS

Multi-frequency operation 40 - 33 kHz:

1. 40 kHz The most suitable frequency for light soiling, for use in laboratories, medical, optical, watchmaking, etc..
2. 33 kHz This frequency provides greater cleaning intensity and is most suitable for removing strongly adhering dirt from workpieces.

Stop & Go Bifrequency function:

Intermittent operation in 40/33 kHz with pauses in between. This function subjects workpieces to variable pulses of ultrasonic vibrations, enabling better removal of dirt in cavities and other hard-to-reach areas.

Frequency sweep function:

Progressive variation from one frequency to another. This variation allows the intensity of cleaning to be progressively altered, aiding the removal of dirt.

Setting the ultrasound working time from 1 to 99 minutes.

Working temperature setting up to 80 oC. The recommended range is 65-80 oC.

