

# 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

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.

