

SONOPULS HG 40

Stand



General

The device and the accessories are to be used in accordance with the instructions for use and/or the product information.

The instructions for use are part of the scope of delivery and are to be stored in the vicinity of the device for later reference. This also applies if possession of the device is transferred elsewhere.


Before the device is put into operation, these instructions for use are to be read carefully and completely in order for the user to become familiarised with all functions.

Follow warnings and safety instructions for use at all times while using the device.

If the translation is unintelligible, please refer to the German version by BANDELIN.

If service is required, please contact the authorised dealer or the manufacturer.

Symbols used:

Symbol	Meaning	Explanation
	Caution	Identifies information that is to be observed and adhered to without fail, to prevent damage to the device and danger to the user. When device parts are labelled with this symbol, reference must be made to the documentation.

1 Safety instructions



Caution!

Risk of falling or toppling. Have regard for the stand's centre of gravity. Position the holder centrally between the two stand feet.



Caution!

Insecure seating. Tighten stand rods in place with suitable spanner.

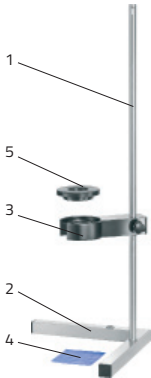
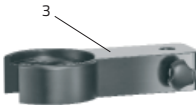
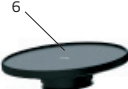
2 Intended purpose

The HG 40 stand is designed for simple and flexible positioning of devices mounted on it, e.g. BANDELIN SONOPULS ultrasonic homogenisers or other non-oscillating components whose external dimensions makes them compatible for use with holder WH 40 mounted on the stand. A further WH 40 holder will permit further uses, e.g. inverse use of the ultrasonic transducer on stand HG 40 for indirect sonication. To vary the position of differently sized sample vessels, supporting table AT 40 can be inserted into the additional WH 40 holder.

3 Mounting instructions

- Fix stand rod (1) to the desired hole in the stand foot (2) with a suitable spanner (SW 14). If necessary, extend the stand rod (1) with a second rod component.
- Slide the WH 40 holder (3) onto the stand rod (1) and tighten in the desired position with the retaining screw.
- If needed, place the non-slip mat (4) under the sonication vessel.
- For inverse operation, mount a second WH 40 holder.
- If necessary insert the supporting table AT 40 into the second holder WH 40 and press in firmly.

4 Technical data

Description	HG 40	WH 40	AT 40
Code no.	3681	3900	3901
Scope of delivery			
External dimensions (L x W x H) [mm]	340 x 340 x 820	195 x 100 x 40	145 x 145 x 35
External dimensions non-slip mat [mm]	100 x 100	-	-
Total length of stand rod [mm]	780	-	-
Clamping range of holding rod [mm]	16	16	-
Min. diameter [mm]	-	60	-
Diameter of supporting table [mm]	-	-	140
Aperture [mm]	-	51	-
Load [kg]	15	15	15
Use with HD	2070.2/2200.2 3100/3200/3400 4050*/4100/4200/4400 5020*/5050*/5100/5200	2070.2/2200.2 3100/3200/3400 4100/4200/4400 5100/5200	-
Material of stand rod and stand foot	Stainless steel		
Material of holder/ supporting table	POM	POM	POM
Optional accessories	Additional holder WH 40, supporting table AT 40	Supporting table AT 40	Holder WH 40
Accessories kit	1 non-slip mat, 1 insert for UW 50	-	-

* With insert for UW 50 (5)

1 Stand rod, two-part
2 Stand foot

3 Holder
4 Non-slip mat

5 Insert for UW 50
6 Supporting table

5 Application examples



Direct sonication with
HG 40, additional holder
WH 40 and supporting
table AT 40.



Indirect sonication with HG 40
and additional holder WH 40.



Direct sonication with
HG 40.