



Sleeve adapter

Existing sonication vessels with standard ground joint can be mounted onto standard, booster, or flow-through horns with external threads, with the help of the sleeve adapter.

Description	NA 29 G	NA 45 G
Order No.	540	487
Figure		
Min. Internal diameter D1 [mm]	16	30
Max. external diameter horn D2 [mm]	29	45
Overall length L1 [mm]	63	48
Compatible with probe diameter [mm]	2-13	2-25 32-38*
Use with HD...	2070.2/3100 2200.2/3200 4100/4200	2070.2/3100 2200.2/3200 4100/4200/4400
Compatible standard horns	SH 70 G/FZ 5 G SH 213 G/FZ 7G SH 100 G/SH 200 G	SH 70 G/FZ 5 G SH 213 G/FZ 7G SH 219 G SH 225 G SH 100 G/SH 200 G/SH 400 G
Suitable standard ground joint	NS 29/32	NS 45/50
Material	PTFE	
Accessories kit	1 replacement O-ring EPDM with a shore A hardness of 70 (Ø30 x 2,5 mm)	

* To be able to use the sleeve adapter with TS 432/TS 438, the adapter itself must be screwed onto the proper booster horn prior to mounting the probe.

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Mounting

Carefully hand-tighten the adapter to the external thread of the standard / booster / flow-through horn, and then loosen by one half turn. Next, fasten the sonication vessel with standard ground joint to the mounted adapter.

Note

- In order to use the sleeve adapter, it is important to first verify whether the length of the selected probe is suitable for the intended vessel. The standard / booster / flow-through horn with respective probe or flat tip must be positioned coaxially in the adapter's hole following assembly and may not touch the inner wall of the sleeve adapter. Otherwise, this may result in melting of the material and damage to the probe.
- The O-ring may also be replaced by an EPDM O-ring with a shore A hardness of 80 from a specialist retailer.