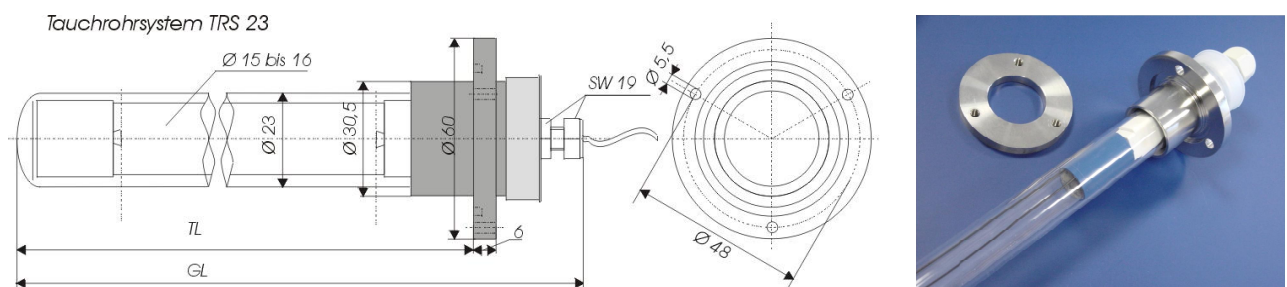


TRS 23 Immersion tube system


This system comprises of an immersion tube with an external diameter of 23 mm and a wall thickness of 1.5 mm, a stainless steel holder made of 1.4571 with a flange Ø60 mm, a plastic closure* with M12 cable gland and a stop ring plus 4 sealing rings. The system is designed as a component without lamp and is especially suited to uv-technik's high-performance amalgam lamps with a diameter of 15 mm as well as other T5 lamps. The system is intended for use in both water and air. It can be immersed up to the flange into water and is pressure resistant up to 10 bar in that range. For installation the system can be mounted to a reactor with screws. Tightening will be done with an O-ring. An opposing flange which can be welded to the reactor vessel is available as additional accessory. Lamp replacement can be done easily from the customer without dismantling the system.

On request we are able to supply also the appropriate lamps and ballasts.

* Closure can also be supplied in stainless steel as an option.



Technical information

ambient temperature	-20 to 30°C
cooling	convection, air flow, water
installation	mounting position as desired; systems must be fixed with UV stable holders, for length >300 mm a thrust bearing support is recommended
cable	available as an accessory
cable length	possible total length depends on the used ballast
protection level	From flange waterproof up to 10 bar, cable side IP 65
safety notes	 <p>Please ground the stainless steel head by yourself with a clamp if necessary and use a GFCI plug in. Please note installation instructions TLSVG and ballast! Cable must be protected during operation in a suitable manner prior to UV radiation (or ozone). Cable must not kink or damage during installation!</p>

Lamp emits dangerous radiation! Protect eyes and skin! Install safety shutdown! Attach warning notice!

Component must be installed only by trained professionals considering occupational health and safety regulations!

We accept no liability for damage caused by improper use!

Standard systems

immersion tube system	article number	submersion tube length ±2 mm	submerged length TL ±2 mm	total length GL ±4 mm	lamp length maximal	suitable lamps
TRS 23/230-4	459 00101 0000	230	228	283	210	TUVN 4
TRS 23/315-6/11/30	459 00200 0000	315	313	368	295	TUVN 6, TUV 11W 4P, UVI 30
TRS 23/385-8/16/40	459 00300 0000	385	383	438	365	TUVN 8, TUV 16W 4P, UVI 40
TRS 23/340-8/16/40	459 00302 0000	340	338	393	320	TUVN 8, TUV 16W 4P, UVI 40
TRS 23/510-20/60	459 00400 0000	510	508	563	490	UVN 20, UVI 60
TRS 23/570-25/80	459 00405 0000	570	568	623	550	TUV 25W 4P, UVI 80
TRS 23/920-40/120	459 00500 0000	920	918	973	900	TUV 36T5, TUV 36T5HO UVN 40, UVN 80HO UVI 120, UVX 125
TRS 23/1675-75/150/200	459 00600 0000	1675	1673	1728	1655	TUV 64T5 4P, UVI 201

Modification of immersion tube length and lamps are possible on request, thereby will be created customer specified systems
an immersion tube made of synthetic quartz is possible on request