

Medium pressure submersion lamps

Application

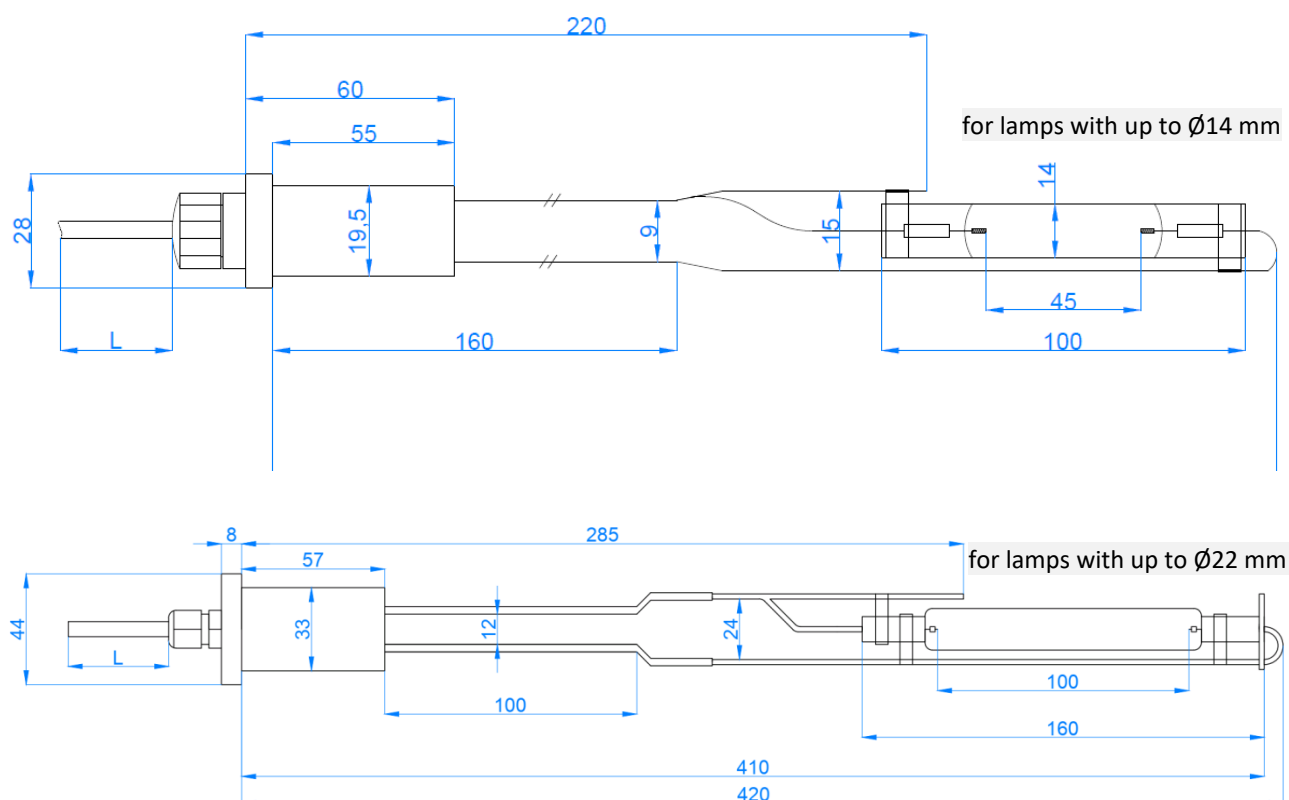
These submersion lamps are designed for laboratory applications or for small systems and are available in different wattages and doping. The knowledge gained can be scaled up to larger systems if required.

Description

The lamps are to be installed in a suitable reactor so that there is no possibility to look into the radiation of the switched-on lamp. On customer request the lamps can be adjusted. Adjustments to the power, the spectrum, the immersion length, and other parameters are possible. Upon request, we also offer matching submersion tubes or reactors made of quartz glass and the suitable ballast.



Drawing



Lamps

submersion lamp type	lamp Ø [mm]	lamp length LL [mm]	arc length BL [mm]	submersion length TL [mm]	cable length [m]	for submersion tube [mm]
TQ 150	14	100	45	375	4	Ø23 x 1,5
TQ 250	14	100	45	375	4	Ø23 x 1,5
TQ 400	19.5	140	68	420	4	Ø38 x 2,0
TQ 700	19.5	158	100	420	4	Ø38 x 2,0

An adaptation on customer request is possible regarding:

- Doping of the lamps: standard Hg, Fe, Ga, T and others - determines the spectrum (see examples)
- Lamp quartz: PS, PN200, PN235 - cuts the spectrum in the short-wave range (see quartz transmission curve)
- Lamp parameters: voltage, power, diameter, length - used to adapt to the ballasts
- Constructive changes to the system: immersion length, head diameter, cable length, etc. - adapts the system to existing systems

Talk to our sales staff.

