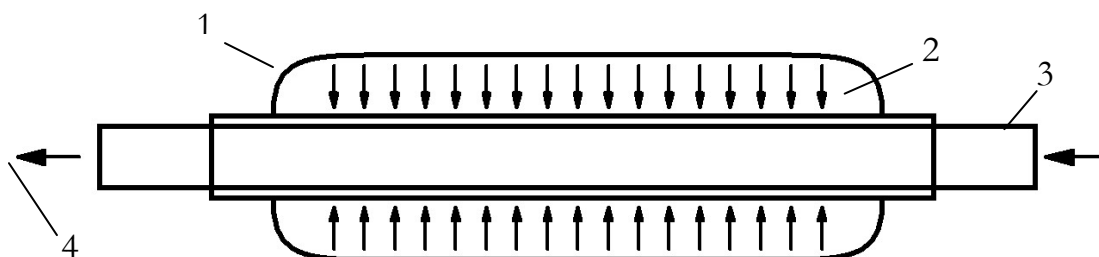


**Series BD\_R** (barrier discharge, reactor) – photoreactor consists of power supply and coaxial excilamp. Removable quartz tube is inserted into the bulb of excilamp for UV irradiation of gases or liquids.



Coaxial barrier discharge excilamp with removable quartz tube through which gas or liquid flow: 1 – bulb, 2 – UV radiation, 3 – removable quartz tube, 4 – gas or liquid flow



BD\_R photoreactor general view: 3 – removable quartz tube for gas or liquid flow; 5 – box of photoreactor

<b>Working molecule</b>	XeCl*, KrBr*, Br <sub>2</sub> *, KrCl*, Cl <sub>2</sub> *, XeBr*
<b><math>\lambda</math> (max), nm</b>	308, 207, 289, 222, 259, 283
<b>Sizes, mm</b>	250 x 100 x 420
<b>Sizes of removable tube, mm</b>	$\phi 14 \times 480$
<b>Power consumption, W</b>	$\leq 150$
<b>Irradiation length, mm</b>	300
<b>Weight, kg</b>	4.6