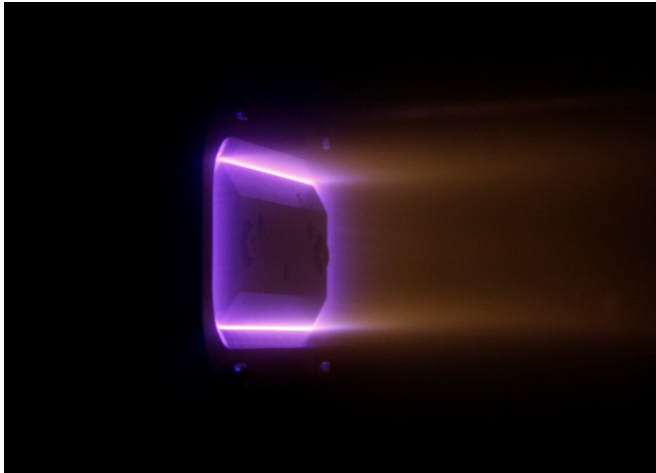


Ion Beam Source IBS - 125



The small-sized ion source IBS-125 is a gas-discharge ion source, a hollow rectangular beam, the principle of operation is an accelerator with an anode layer (UAS).



Ion Beam Source IBS - 125

Parameter	Value
Beam shape	rectangular
Beam size	(L x W x T) 100 x 42 x 5 mm <i>Length x Width x Thickness</i>
<i>At a distance of at least 200 mm from the source</i>	
Supply voltage	1500 ... 5000 V
<i>Average ion energy approx. Half the supply voltage</i>	
Maximum beam current	250 mA
<i>For working gas - argon, at a flow rate of not more than 2.0 l / h</i>	
Working pressure range	0.001... 10 Pa
Weight no more	2.5KG
Max. operating voltage	5500 V
Max. operating current	350 mA
Min coolant consumption	1 l / min

It is produced in several versions.