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Product Name :

Crucible Retort Ring

Product Code :

SLE/LR/16



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Description :

Crucible Retort Ring (Product Code: SLE/LR/16) is a three-point crucible clamp used to hold a crucible securely over a gas flame while substances are heated or ignited in chemistry and materials labs. Its 18/10 stainless steel ring carries three adjustable ceramic Degussit clamping rods, rated to max. 2030 °C, that grip crucibles from 0 to 70 mm, including platinum crucibles. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry lab instruments supplier to schools, colleges and research labs.

Specifications

Parameter	Detail
Type	3-point clamp ring for crucibles
Design	Ring with 3 guide sleeves pointing to the centre; the clamping rods inside the sleeves can be screwed in and out
Crucible size range	0–70 mm, set by hand
Suitable crucibles	Standard crucibles, also platinum crucibles
Ring material	18/10 stainless steel
Clamping rods	Ceramic, Degussit (max. 2030 °C)
Mounting	On support stands or tripods
Product code	SLE/LR/16
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Crucible Retort Ring Used For?

Heating a crucible strongly, whether to ignite a precipitate in gravimetric analysis, find ash or moisture content, or bring a sample to constant mass, needs a support that holds the crucible steady without shading it from the flame. The three ceramic rods touch the crucible at just three points, so most of its surface is exposed to the heat, and ceramic will not react with or mark a platinum crucible the way bare metal can.

Mounted on a support stand, the ring lets you raise or lower the crucible to set the gap between the gas flame and the crucible bottom; on a tripod it gives a fixed working height. Set the rods by hand to the crucible before lighting the burner, let everything cool before adjusting again, and lift hot crucibles only with tongs.

What to Specify When Ordering

- The crucible sizes you will use, within the 0–70 mm range.
- Whether the ring will be mounted on a support stand or a tripod.
- The number of rings required.
- Whether crucibles or crucible tongs should be quoted as well.

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Retor