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Product Name :

Cork Borer Sharpener

Product Code :

SLE/CH/195



Description :

Cork Borer Sharpener (Product Code: SLE/CH/195) restores a clean cutting edge to blunt cork borers so they bore neat holes again instead of tearing corks and bungs. It consists of a plated metal cone on a polished wooden handle, with a hinged cutter blade: the borer is placed over the cone and the edge is cut to the correct angle simply by depressing the blade with thumbpressure. It handles borers from 4 to 27 mm in diameter, which covers the usual sizes used to fitglass tubes and thermometers into cork or rubber stopper lab fittings. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Cone	Plated metal
Handle	Polished wood
Cutter	Hinged cutter blade, slotted to accept cutting blades
Sharpening action	Edge cut to the correct angle by depressing the blade withthumb pressure
Borer diameter range	4–27 mm

Typical Use

Over a term of practicals, cork borers are pushed through hundreds of corks and bungs and their thin edges roll over or nick, so the next hole comes out ragged and the glass tube will not seal. To sharpen one, the technician slips the borer over the cone until its edge rests against the blade, then turns the borer steadily while pressing the hinged blade down with a thumb. The blade shaves the edge back to the correct angle all the way round in a few turns. Doing this at the start of each term is a simple piece of lab equipment maintenance that saves buying new borers and makes boring stoppers much safer for students.

Clean off wax or rubber residue before sharpening, use light, even pressure rather than force, and remove any fine burr from the inside of the borer afterwards. Keep the sharpener dry and wipe the cone to protect its plated finish.

Manufacturer

Made by Jain Scientific Equipments Private Limited, the Ambala, Haryana company known to its school and college customers as ScienceLab, which produces tools and apparatus for everyday laboratory work. The company profile has more background.

Related Chemistry Lab Equipment

Items used with a cork borer and its sharpener:

- Cork Drills — boring tools that need a sharp edge to cut cleanly.
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