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Product Name :

Binocular

Product Code :

SCL274/044



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Description :

Binocular (Product Code: SCL274/044) is a pair of field binoculars with BAK-4 lenses, 40 mm lens diameter and a minimum magnification of 8x, suited to nature study, bird watching, geography field trips and simple sky observation. Multi-layer antireflection coating, a central focus wheel and a tripod mount make it practical for students to share during outdoor sessions. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school and laboratory equipment supplier in India serving institutions at home and in international markets.

Specifications

Parameter	Detail
Optics	BAK-4 lenses
Lens diameter	40 mm
Magnification	Minimum 8x
Interpupillary distance	In the range of 56 to 76 mm
Coatings	Anti-reflex coating; multiple lens antireflection coating
Focusing	Central focus
Mounting	Tripod mount
Protection	Lids for lens and eyepiece

Typical Use

In biology and environmental studies the binocular lets students identify birds, record behaviour and count animals at a distance without disturbing them. Geography classes use it to read landforms, vegetation zones and distant landmarks on field trips, while astronomy clubs turn it on the Moon’s craters or bright star clusters at night. The 40 mm lenses gather enough light for early morning or evening sessions, when birds and wildlife are most active.

Before each use, hinge the barrels until the interpupillary distance matches the viewer’s eyes, then turn the central focus until the image is sharp. For long observations or group viewing, fix the binocular to a tripod through its mount so the image stays steady. Never look at the Sun through binoculars. Replace the lens and eyepiece lids after use and store it in a dry place; it serves as lab equipment for college and school outdoor programmes alike.

Manufacturer

This binocular is manufactured by Jain Scientific Equipments Private Limited of Ambala, Haryana, which trades as ScienceLab and offers optical field instruments together with its classroom apparatus. Visit the company profile for more.

Related Lab Equipment

Items

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