

# Holey Carbon Cryo-EM Grid, R1.2/1.3, Cu/Ni/Au Mesh

**Catalog: GIG-1213**

## PRODUCT INFORMATION

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**Name** Holey Carbon Cryo-EM Grid, R1.2/1.3, Cu/Ni/Au Mesh

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**Cat No.** GIG-1213

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**Product Overview**

GIG holey carbon grids are lithographically precision-manufactured supports for cryo-electron microscopy (cryo-EM), featuring photolithographically defined circular holes on an ultra-thin amorphous carbon film (10–12 nm). Designed for single-particle analysis (SPA), electron tomography (ET), and micro-electron diffraction (MicroED), GIG grids deliver consistent hole geometry, minimal background scattering, and reliable sample vitrification across all four hole patterns (R1/1, R1.2/1.3, R2/1, R2/2). Available in copper, nickel, and gold mesh with 200, 300, and 400 mesh options. Trusted in peer-reviewed cryo-EM publications achieving resolutions from 2.7 Å to 3.9 Å (2011 to present).

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**Storage** Room temperature (sealed, dry); avoid humidity and light

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