



ATOMIC AND MOLECULAR WIRES



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PINAACLE 900H ATOMIC ABSORPTION SPECTROMETER | PERKINELMER



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For laboratories needing a high-performance atomic absorption (AA) spectrometer, the PinAAcle™ 900H is a combined flame/furnace system with continuum source background correction.. Because different laboratories have different needs, we provide a full suite of powerful software tools for the PinAAcle 900H, starting with the innovative and easy-to-use Syngistix™ for AA Express, the more ...

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The Molecular Foundry is a Department of Energy-funded nanoscience research facility that provides users from around the world with access to cutting-edge expertise and instrumentation in a collaborative, multidisciplinary environment.

Molecular Foundry

Our PinAAcle™ 500 is the world's first completely corrosion-resistant flame atomic absorption (AA) spectrometer, designed to withstand the harshest environments and most corrosive samples. It offers superior durability, longer life, lower maintenance costs, and the fastest return on investment of any flame AA.

PinAAcle 500 Flame Atomic Absorption Spectrometer

Adhesion, lubrication and wear on the atomic scale 621 termination (Al or O) and full atomic relaxations. In all, we considered six different candidate interface structures.

Surf. Interface Anal. Adhesion, lubrication and wear on

Molecular electronics is the study and application of molecular building blocks for the fabrication of electronic components. It is an interdisciplinary area that spans physics, chemistry, and materials science. The unifying feature is use of molecular building blocks to fabricate electronic components.

Molecular electronics - Wikipedia

An atom is the smallest constituent unit of ordinary matter that has the properties of a chemical element. Every solid, liquid, gas, and plasma is composed of neutral or ionized atoms. Atoms are extremely small; typical sizes are around 100 picometers (a ten-billionth of a meter, in the short scale). Atoms are small enough that attempting to predict their behavior using classical physics – as ...

Atom - Wikipedia

Atomic Emission Spectroscopy with Spark or Arc Excitation 4 2 Excitation of Emissions Spectra Emission lines can not only be generated in stellar atmospheres and gas discharge lamps,

Atomic Emission Spectroscopy with Spark- or Arc Excitation

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The RS 10 from Star Born by Andre Norton, 1957. Artwork by Dean Ellis. Judging from the size of the people, the ship is approximately 128 meters high (420 feet).

Engine List - Atomic Rockets

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Bismuth | Bi - PubChem

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