



The new D8 DISCOVER with DAVINCI

- Move up to the XRD² dimension in X-ray diffraction
 - DAVINCI.SNAP-LOCK & DAVINCI.MODE: alignment-free component change with real-time recognition
 - TURBO X-RAY SOURCE: boost intensity for point, line or micro focus applications
 - TWIST-TUBE: fast and easy switching from line to point focus
 - VÅNTEC-500: add the extra dimension of XRD²
 - PATHFINDER optics: motorized switching between high-resolution and high-intensity beam paths

www.bruker.com/d8discover

XRD

rontium doped lanthanum III-IV nitride materials crystal growth nand organo-metallics regenerative medicine cerium polishing powder thin film dysprosium pellets atomic layer deposition scandium-aluminum aerospace ultra-light alloys iridium crucibles netai olid battery lithium reen technology Ne Be surface functionalized nanoparticles tantal Mg Si Na palladium shot semiconductors Kr Zn Ga Ge As Se Br anod Sr Mo Sb Xe In Te iron Bi Po Ba Ta Ha Ho nano gels No Lr dielectrics quantum dots neodymium foil ionic pintronics europium phosphors uper allovs nanofabrics rare earth metals nickel foam LED lighting titanium robotic parts platinum ink laser crystals tungsten carbide stable isotopes carbon nanotubes gold nanoparticles osmium superconductors ultra high purity r osynthetics nacromolecules 99.999% ruthenium spheres erbium doped fiber optics sputtering targets gadolinium wire advanced polymers buckey ball rhodium sponge shape memory alloys alternative energy etalloids AMERICAN electrochemistry nanomedicine tellurium single crystal silicon diamond micropowde World's Leading Manufacturer of catalog: americanelements.com **Engineered & Advanced Materials** © 2001-2011. American Elements is a U.S. Registered Trademark.

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