



Skimming the surface has never been this focused!



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Demo**



**D8 DISCOVER with DAVINCI ULTRA GID:
The ultimate in surface sensitivity for ULTRA thin films.**

- Push-button, motorized switching between in-plane and out-of-plane geometry
- In-plane grazing incidence diffraction (IP-GID) using full line-focus
- 100 times higher intensity than traditional methods
- Easy access to the full range of thin film XRD applications

Contact us for more details and a system demonstration! www.bruker.com/d8discover

XRD

H	Li	Na	K	Rb	Cs	Fr		B	C	N	O	F	Ne	He
Be	Mg	Ca	Sc	Sr	Ba	Ra		Al	Si	P	S	Cl	Ar	
		Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Ga	Ge
		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po
		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Uuq	Uup	Uuh
												Uus	Uuo	

Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

Now Invent.™

strontium doped lanthanum III-IV nitride materials crystal growth cobalt metamaterials
 organo-rilics tantalum alloys cerium polishing powder thin film
 dium spong lithium prosiium pellets atomic layer deposition
 battery lithi space ultra-light alloys iridium crucible
 ovskite scandium-aluminum green technology
 mischmet K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Kr
 cathode solar ener Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd In Sn Sb Te I Xe
 vanadium CIGS Ba La Hf Ta W Re Os Ir Pt Au Hg Tl Pb Bi Po At Rn
 super alloys Ac Rf Db Sg Bh Hs Mt Ds Rg Cn Uut Uuq Uup Uuh Uus Uuo
 optoelectronics yttrium foil liquid gallium arsenide laser crystals rare earth metals fuel cell materials hafnium tubing
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