

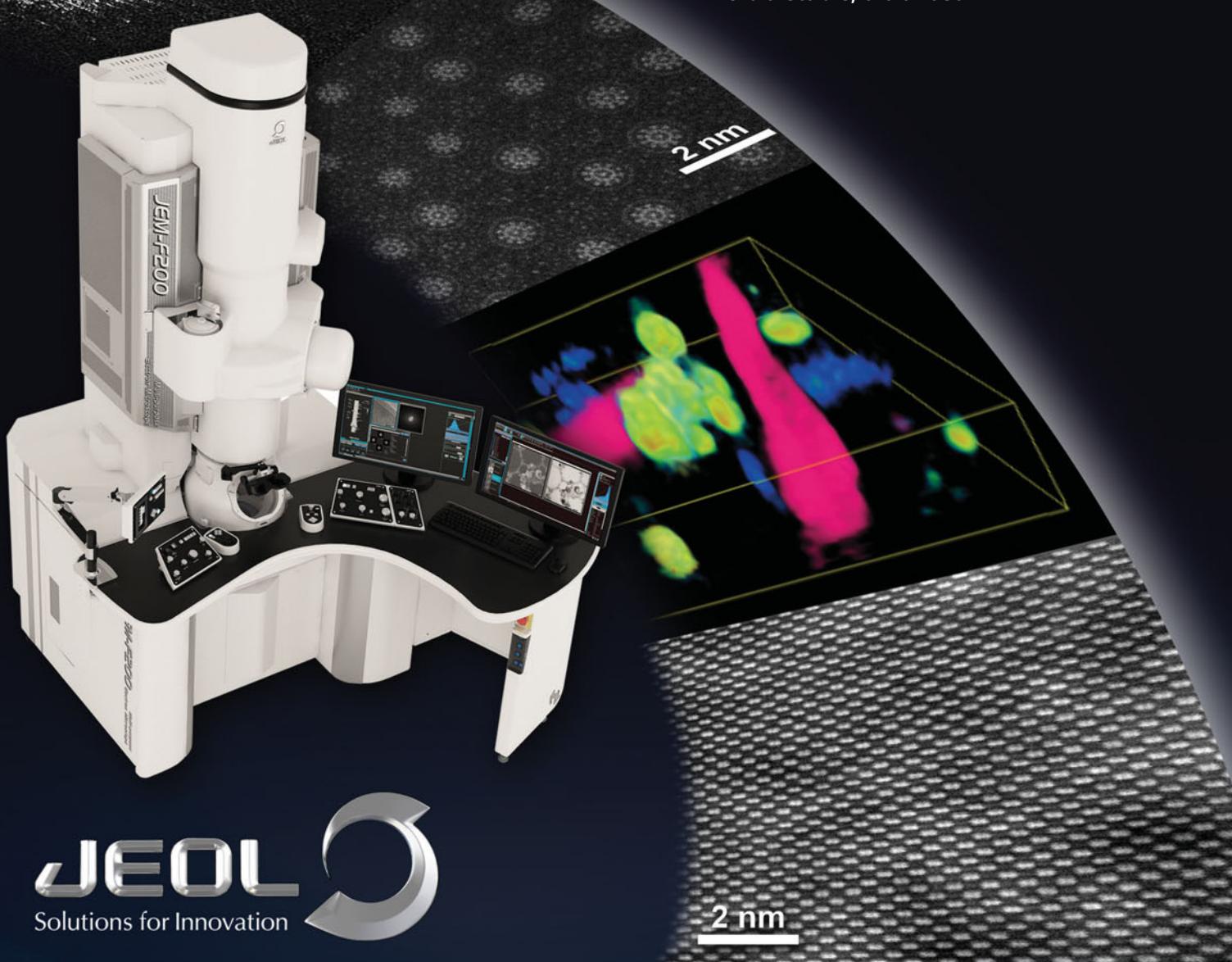
NO COMPROMISE

ATOMIC RESOLUTION + FAST ANALYSIS

The New "Go-To" TEM from JEOL

F2

- Cold FEG boosts probe current
- Fast 3D EDS with dual SDD
- Wide-field STEM-EELS spectrum imaging
- Push-button beam conditions
- Ultra-stable, ultra-fast



JEOL 
Solutions for Innovation

www.jeolusa.com
salesinfo@jeol.com • 978-535-5900

Learn more at www.jeolusa.com/F2

*STEM-HAADF image of Quasicrystal • Courtesy of Professor Emeritus K. Hiraga – Tohoku University

bismuth telluride	lutetium granules	metamaterials	electrochemistry	solid
strontium doped lanthanum	III-IV nitride materials	crystal growth	nanoribbons	
organo-metallics	regenerative medicine	cerium polishing powder	yttrium	
thin film	dysprosium pellets	atomic layer deposition	scandium-aluminum	
nanodispersions	aerospace	ultra-light alloys	iridium crucibles	vanadium
	green technology	battery	lithium gallium arsenide	high purity silicon
refractories	surface functionalized nanoparticles			tantalum
ite	semiconductors	palladium shot		intermetal
cathode	K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn	Ga Ge As Se Br Kr		anode
nucleus	Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd	In Sn Sb Te I Xe		iron
conduction	Cs Ba La Hf Ta W Re Os Ir Pt Au Hg	Tl Pb Bi Po At Rn		liquids
gallium	Fr Ra Ac Rf Db Sg Bh Hs Mt Ds Rg Cn	Uut Fl Uup Lv Uus Uuo	neodymium foil	ionic
photovoltaics	europium phosphors	quantum dots		
dielectrics				olar energy
spintronics	Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu			nano gels
super alloys	Th Pa U Np Pu Am Cm Bk Cf Es Fm Md No Lr	nickel foam	LED lighting	
rod	platinum ink	laser crystals	titanium robotic parts	tungsten carbide
CIGS	stable isotopes	carbon nanotubes	gold nanoparticles	optoelectronics
es	anti-ballistic ceramics	fuel cell materials	hafnium tubing	Nd:YAG
optoelectronics				mischmetal
macromolecules	99.999% ruthenium spheres	erbium doped fiber optics		
biosynthetics	germanium windows	superconductors	ultra high purity materials	
macromolecules	sputtering targets	gadolinium wire	advanced polymers	bucky balls
metalloids	rhodium sponge	shape memory alloys	alternative energy	
electrochemistry	nanomedicine	tellurium		
osmium				

Now Invent.TM



AMERICAN
ELEMENTS

THE MATERIALS SCIENCE COMPANY [®]

catalog: americanelements.com

©2001-2014 American Elements is a U.S. Registered Trademark.

zirconium single crystal silicon diamond micropowder neodymium foil
gadolinium wire advanced polymers single crystal silicon macromolecules