



Advanced Materials:

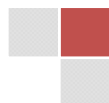
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Laboratory Equipments | Analytical Instruments

[Nanofibers Electrospinning Unit \(NEU\)](#)

[Vacuum Assisted Process Device](#)

- › [Aligned CNTs Arrays Synthesizer—basic Model](#)
- › [Aligned CNTs Array Synthesizer—Standard Model](#)
- › [Aligned CNTs array Synthesizer—Professional Model](#)
- › [Nanoparticles creating device](#)
- › [Carbon Nanotubes Production Device by Chemical Vapor Deposition_CVD751](#)
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- › [Carbon Nanotubes Production Device by Chemical Vapor Deposition_CVD1203](#)
- › [CVD Coating Device with heating Metal wire](#)
- › [Multi-Functional Vacuum Deposition Device-powder](#)
- › [Multifunctional Vacuum Coating Device-Sheet](#)
- › [Nitrogen-Doped CNTs/Short CNTs](#)
- › [CNTs paste](#)
- › [Aligned CNTs Array Transfer Sheet](#)
- › [ZNO nano bar creation device](#)



Detailed list of compounds

1. Advanced Ceramics & Nanoparticles

Carbide & Nitride & Boride nanomaterials

Carbon Nitride nanoparticles	C3N4_30-50nm	
Gallium Nitride nanoparticles	GaN_50nm	
Titanium Boride nanoparticles	TiB2_60nm	
Titanium carbonitride Ti(C1-xNx) nanoparticles	Ti(C1-xNx)_25nm	
Titanium Oxynitride TiO2-xNx nanoparticles	TiO2-xNx_30nm	
Vanadium Nitride_VN Nanoalloy	VN_40nm	
Aluminum Nitride nanoparticles	AlN_50nm	AlN_100-500nm
Boron Nitride nanoparticles	BN_50nm	
Boron Carbide nanoparticles	B4C_50nm	B4C <10micron
Silicon Nitride nanoparticles, nano-whisker	Si3N4_20nm	
Silicon Carbide nanoparticles	SiC_50nm	SiC_100-130nm
Silicon Carbide Nanowhisker		
Silicon Boride nanoparticles	SiB6_60nm	
Titanium Carbide nanoparticles	TiC_40nm	
Titanium Nitride nanoparticles	TiN_20nm & 100nm	
Tungsten Carbide nanoparticles	WC_20-40nm	
Zirconium DiBoride nanoparticles	ZrB2_50nm	

Advanced Ceramics

Boron Carbide, high purity, powder		
Titanium Boride (TiB2)		
Silicon Carbide Fiber	SiC fiber	SiC nanofiber
Intermetallic composite vacuum metalizing boats	BN-TiB2	

Preceramics

Polycarbosilane	Polycarbosilane_PCS_1500-2500	
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2. Metal & Alloy Nanoparticles

Metal nanoparticles

Aluminum nanoparticles	Al_18nm	Al_50nm
Copper nanoparticles	Cu_25nm_50nm_80nm	
Cobalt nanoparticles	Co_28nm	Carbon coated Co nanoparticles
Gold nanoparticles	Purity: 99.95%, APS<100nm	
Indium nanoparticles	Indium_50nm	
Iridium nanoparticles	Purity: 99.95%, APS<100nm	
Iron nanoparticles	Fe_25nm_50nm_80nm	Carbon coated Fe nanoparticles
Molybdenum nanoparticles	Mo_60nm	
Nickel Nanoparticles		
Platinum nanoparticles	Purity: 99.95%, APS<100nm	
Palladium nanoparticles	Purity: 99.95%, APS<100nm	
Rhodium nanoparticles	Purity: 99.95%, APS<100nm	
Ruthenium nanoparticles	Purity: 99.95%, APS<100nm	
Silicon nanoparticles	Si_50nm	Si_100nm
Silver nanoparticles	Ag_35nm_20nm_50nm_80nm	
Tungsten nanoparticles	W_80nm	
Titanium nanoparticles	99%, <100nm	
Tin nanoparticles	Sn_50-80nm	
Tantalum nanoparticles	99%, <100nm	
Boron nanoparticles	B_50nm	
Zinc nanoparticles	Zn_35nm	

Alloy Nanoparticles

Nitinol nanoparticles	Made by physical process, 99% purity, APS<100nm
AgIn Nanoalloy	Made by Chemical process, 99+%, APS<100nm
CuIn Nanoalloy	Made by Chemical process, 99+%, APS<100nm
CuInGaSe Nanoparticles	Made by Chemical process, 20-30nm, 99.999%, 5N
CuInS nanopartcles	Made by Chemical process, 20-30nm, 99.999%, 5N
FeCo Nanoalloy	Made by physical process, 99% purity, APS<100nm
FeNi Nanoalloy	Made by physical process, 99% purity, APS<100nm

Carbonyl Powder

Carbonyl Iron Powder (CIP)	CIP-01	CIP-02	CIP-03
Iron-Nickel Alloy Carbonyl Powder			
Carbonyl Coated Powder			
Carbonyl Nickel Powder(CNP)	NB-01	NB-02	NB-03



3. Precious Metal Nanoparticles

[Gold Nanoparticle](#)

[Palladium Nanoparticle](#)

[Platinum Nanoparticle](#)

[Iridium Nanoparticle](#)

[Ruthenium Nanoparticle](#)

[Rhodium Nanoparticle](#)

4. Oxide Nanoparticles:

Nano Oxides

[Alumina \(Al₂O₃\) nanoparticles](#)

ATO nanoparticles

Calcium Oxide Nanoparticles

[Cobalt Oxide nanoparticles](#)

Cobalt Iron Oxide Nanoparticles

[Copper oxide nanoparticles](#)

Chromium Oxide nanoparticles

[Iron Oxide nanoparticles](#)

[ITO nanoparticles](#)

[Indium Oxide nanoparticles](#)

LiFePO₄ nanoparticles

[MgO nanoparticles](#)

[Mg\(OH\)₂ nanoparticles](#)

Mn₃O₄ nanopowder

[MoO₃ nanoparticles](#)

Niobium(V) Oxide Nanopowder

[Nickel oxide nanoparticles](#)

[SiO₂ nanoparticles](#)

[SnO₂ nanoparticles](#)

[TiO₂ nanoparticles](#)

[High purity Titanium Oxide, 3N~4N](#)

Vanadium Pentoxide nanoparticles

[WO₃ nanoparticles](#)

[ZnO nanoparticles](#)

[ZrO₂ nanoparticles](#)

[Alpha Al₂O₃ Gamma Al₂O₃](#)

[ATO 40nm](#)

APS=50nm, Purity>99%

[Co₃O₄ 50nm](#)

APS=30nm, Purity>98%

[CuO 60nm](#)

APS=50nm, Purity>99%

[Fe₃O₄ 60nm](#)

[Fe₂O₃ alpha gamma](#)

[ITO 100nm](#)

[In₂O₃ 30-70nm](#)

[LiFePO₄ 40nm](#)

[MgO 40nm 100nm](#)

[Mg\(OH\)₂ 80nm](#)

Purity>99%, APS<100nm

[MoO₃ 100nm](#)

Purity>99%, APS<100nm

[NiO 50nm](#)

[NiO 30nm](#)

[SiO₂ 10nm 80nm](#)

[SnO₂ 50-70nm](#)

[Antanase TiO₂](#)

[Rutile TiO₂](#)

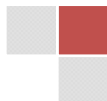
[V₂O₅ 100nm 99%](#)

[WO₃ 20-100nm](#)

[ZnO 20nm](#)

[ZrO₂ 20nm ZrO₂ 100nm 3YSZ 50nm](#)

SOFC powders



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3YSZ nanoparticles	3YSZ 50nm
3YSZ_02 nanoparticles	
5YSZ nanoparticles	5YSZ 20nm
8YSZ micron-powder	
8YSZ nanoparticles	8YSZ 20nm
CeO2 nanoparticles	CeO2 20nm
GDC nanoparticles	GDC 20nm
LSM Cathode Powder	LSM 50-80nm
LSCF Cathode Powder	LSCF 50-60nm
NiO nanoparticles	NiO 30nm
SSC powder_ Sm0.5Sr0.5CoO3	
SDC nanoparticles (SmO1.5)0.2(CeO2)0.8	

Complex Oxide nanomaterials

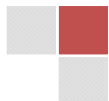
BaZrO3 nanopowder	Purity>99.9%, APS<80nm
FeCr2O4 nanopowder	Purity>99%, APS<100nm
NiCr2O4 nanopowder	Purity>99%, APS<100nm
Yttrium Aluminum Oxide nanopowder	Y3Al5O12_20nm_99.9%

5. [Nanodiamonds](#)

[Silicon Carbide Nanopowder](#)
[Silicon Carbide Whisker](#)
[Boron Carbide Nanopowder](#)
[Boron Nitride Nanopowder](#)
[Titanium Nitride Nanopowder](#)
[Titanium Carbide Nanopowder](#)
[Zirconium Carbide nanoparticle](#)
[Aluminum Nitride Nanoparticle](#)
[Silicon Nitride nanoparticle](#)
[Titanium Boride](#)
[Tungsten Nanopowder](#)
[Alumina Nanopowder](#)

6. [Polycarbosilanes](#)

[Silicon Carbide fiber](#)
 Nanofiber
[Polycarbosilane](#)
[Nanofiber Electrospinning Unit](#)
 Aerospace Epoxy Adhesives
[Carbon Aerogel](#)



Silica Aerogel

[Oxamide](#)

7. [Precious Metal Compounds](#)

[Platinum acetylacetonate](#)

[Palladium acetylacetonate](#)

[Rhodium acetylacetonate](#)

[Iridium acetylacetonate](#)

Hafnium acetylacetonate

Potassium bis(oxalato) platinate(II)

Potassium bis(oxalato) palladate (II)

Potassium tris(oxalato) rhodium (III)

Tetraammineplatinum dinitrate

Tetraammineplatinum oxalate

Tetraamminepalladium dinitrate

Tetraammine palladium oxalate

8. High purity chemicals

Tellurium (Te), 5N-7N, Lump, Ingot, Powder.

Bismuth (Bi), 5N-6N, Lump, Ingot, Powder.

Indium (In) , 5N-7N, Virgulate, Ingot, Granule.

Cadmium (Cd) , 5N-7N, Virgulate, Ingot, Powder

Tin (Sn) , 5N-6N, Virgulate, Ingot, Powder

Zinc (Zn) , 5N-6N, Virgulate, Ingot, Powder

Sulfur (S), 5N-6N, Virgulate, Powder

Antimony (Sb) , 5N-7N, Virgulate, Ingot, Powder

Selenium (Se), 5N-6N, Virgulate, Powder

Cadmium Telluride (CdTe) , 5N, Lump, Powder

Bismuth Trioxide(Bi₂O₃), 5N, Powder

Indium Antimonide (InSb), 5N, Lump, Powder

Polycrystalline Indium Selenide (In₂Se₃), 5N, Ingot, Granule, Powder

Tellurium Dioxide (TeO₂), 5N

Zinc Oxide (ZnO) , 5N, 18nm, Powder

[High purity Titanium Oxide, 3N~4N](#)

