



Founder



Expanding his vision beyond national borders, **Rahul Kumar Yadav** founded PrimeGlobe International, a global trade enterprise specializing in end-to-end Import & Export solutions.

The company is built to simplify international trade for businesses and individuals alike.

Key Services Include:

Comprehensive Import & Export operations

Expert logistics coordination and customs clearance





Spices





1. FOXNUT
2. GREEN CARDEMOM
3. BLACK CARDEMOM
4. BLACK PEPPER
5. NUTMEG
6. CLOVES
7. CINNAMON
8. TURMERIC POWDER & FINGER
9. CUMIN SEEDS (JEERA)
10. CORIANDER
11. CAROM SEEDS (AJWAIN)
12. FENNEL SEEDS (SOUNF)
13. FENUGREEK SEEDS (METHI)
14. SESAME SEEDS
15. MUSTARD SEEDS
16. JAGGERY POWDER
17. RICE
18. PULSES
19. MILLETS
20. Green Banana
21. GREEN CHILLI
22. ONION
23. POMEGRANATE
24. GINGER
25. COCONUT
26. ATTA
27. MAIDA





Vision

To be a globally recognized and trusted leader in the import and export of Spices, Pulses, and Dry Fruits by upholding the highest standards of quality, transparency, and service. We envision PrimeGlobe as a one-stop international trading hub that connects markets, empowers partnerships, and delivers excellence—consistently and ethically.



Mission

At PrimeGlobe, our mission is to deliver the finest quality Spices, Pulses, and Dry Fruits to global markets through ethical sourcing, efficient logistics, and personalized service. We are committed to building long-term relationships with our clients and suppliers by offering reliability, transparency, and value in every transaction regardless of the order size.





QUALITY & PACKAGING ASSURANCE

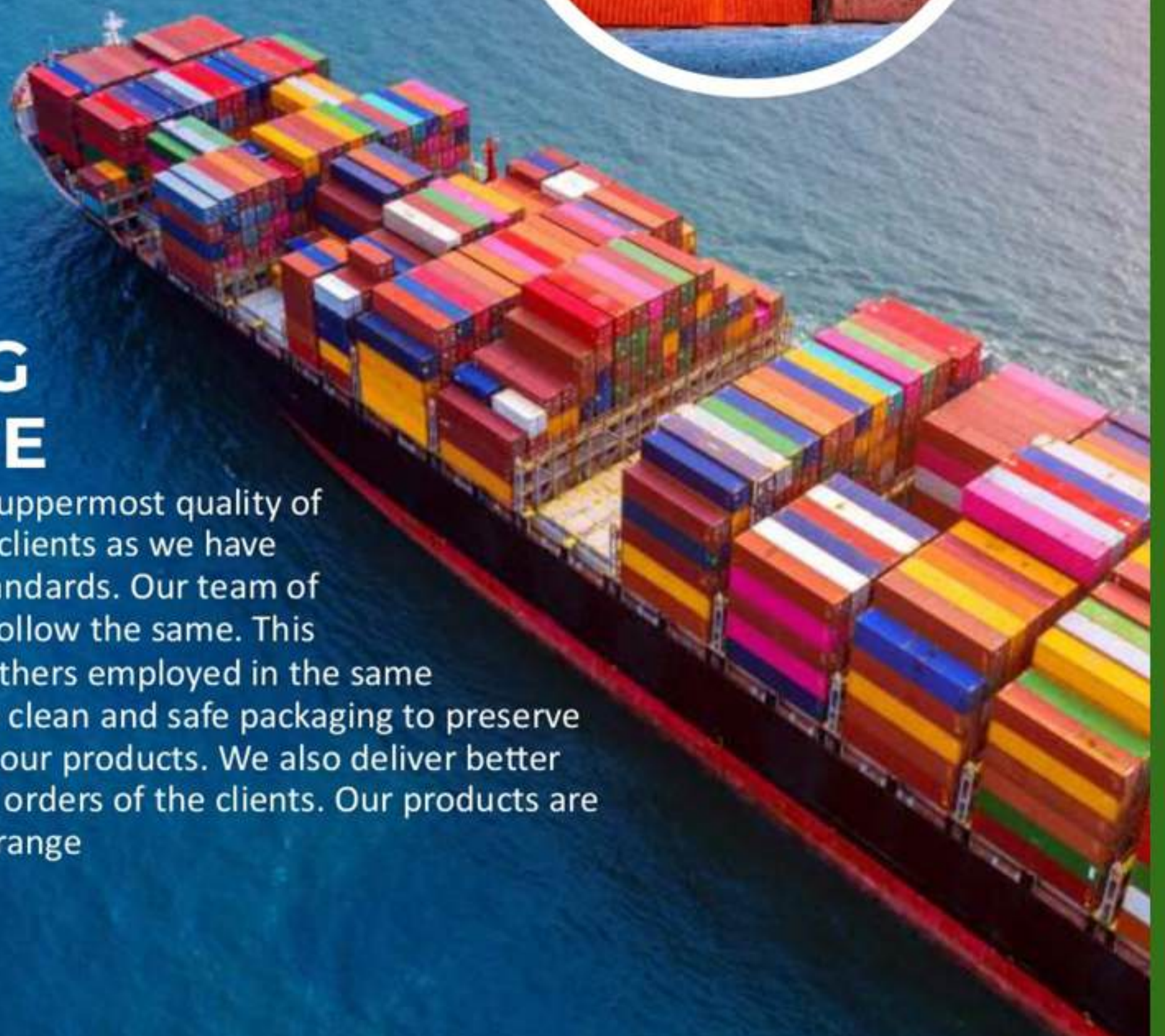
We pride ourselves on maintaining the highest standards of quality, safety, and compliance. Our company is recognized and certified by leading national and international regulatory bodies, ensuring that our products meet global benchmarks for excellence.

COMPANY APPROVALS & CERTIFICATIONS



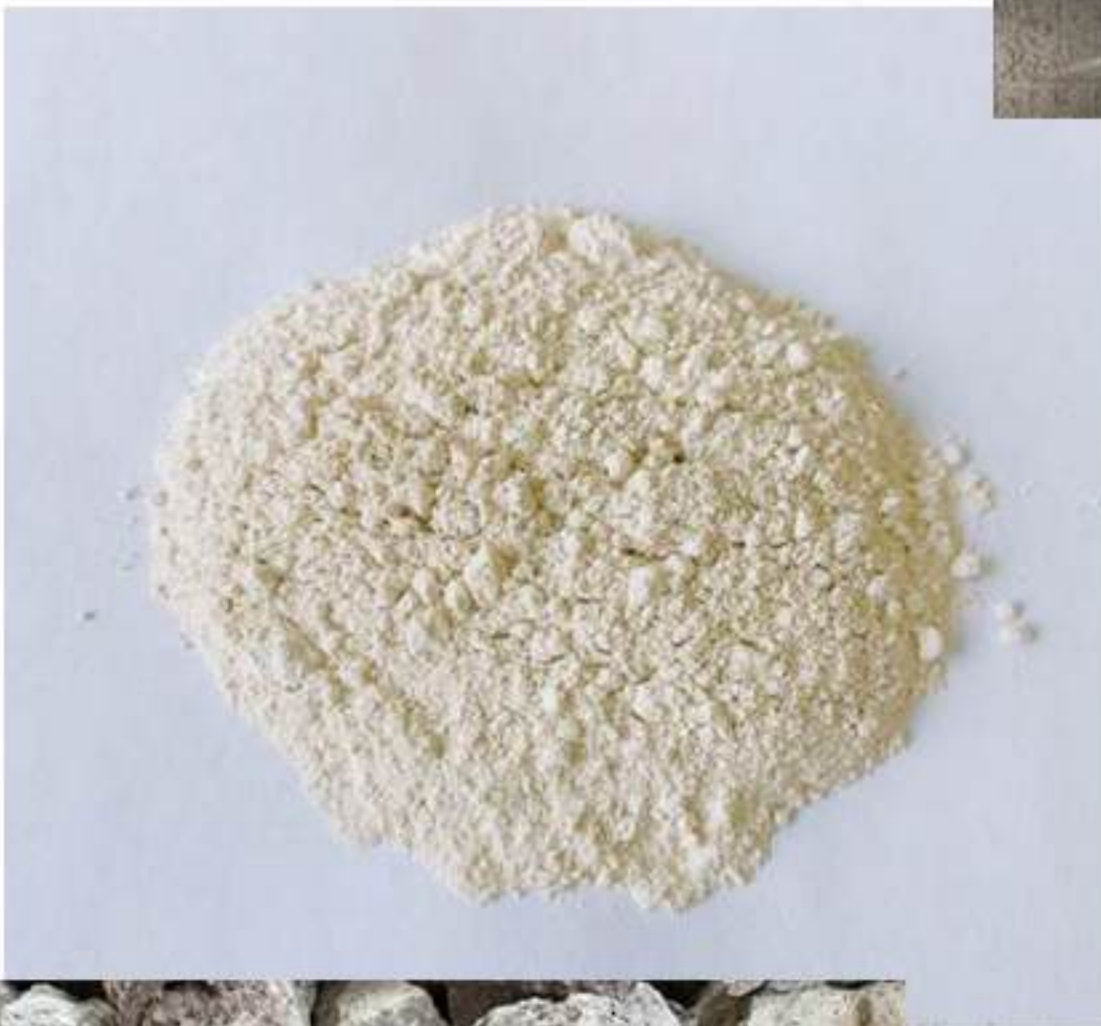
QUALITY & PACKAGING ASSURANCE

We resolutely provide the uppermost quality of products to our esteemed clients as we have designed severe quality standards. Our team of experts are passionate to follow the same. This makes us stand out from others employed in the same profession. We completely clean and safe packaging to preserve the freshness and fame of our products. We also deliver better packaging as per the exact orders of the clients. Our products are offered at a genuine price range



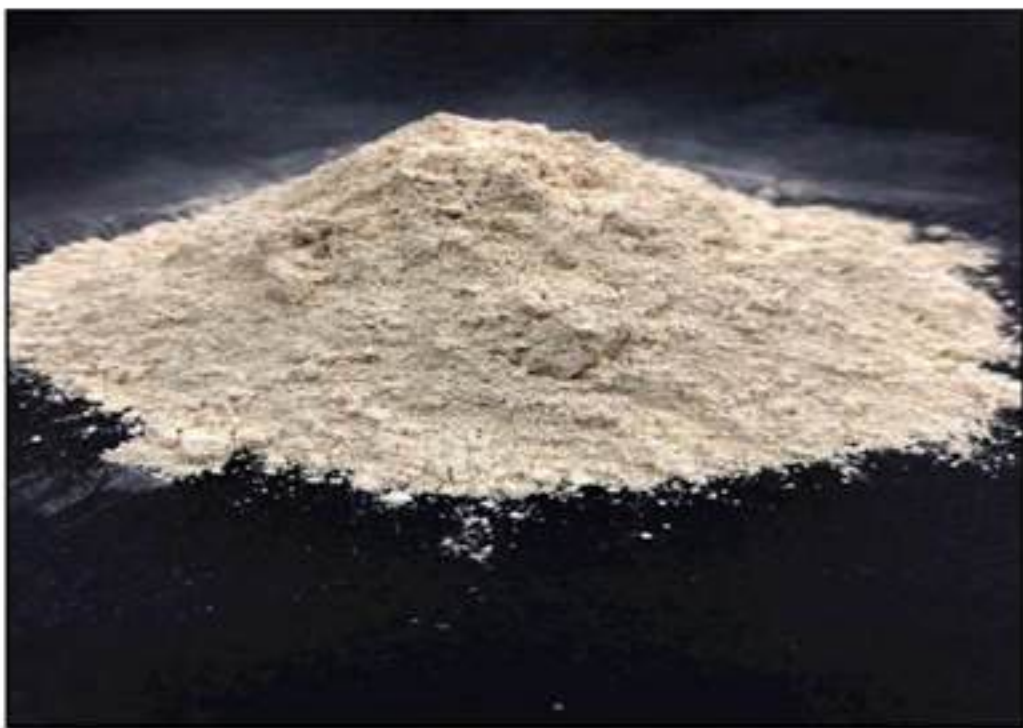


Powder & Chemicals





Powder & Chemicals



**Active
Magnesium
Oxide**

**Light
Burnt
Magnesia**



**Light
Burnt
Magnesia
Ball**

**Dead
Burnt
Magnesium**





Powder & Chemicals



**Fused
Magnesium**

**Fused
Magnesium
skin
sand**



Bauxite

**Commercial
Aluminium
Hydroxide**





Powder & Chemicals



**Caustic
Calcined
Magnesium
Ball**

**Magnesia
Carbon
Ball**



**Gunning
Mass**

**Big
Crystal
Magnesia**





Powder & Chemicals



**White
Fused
Alumina**

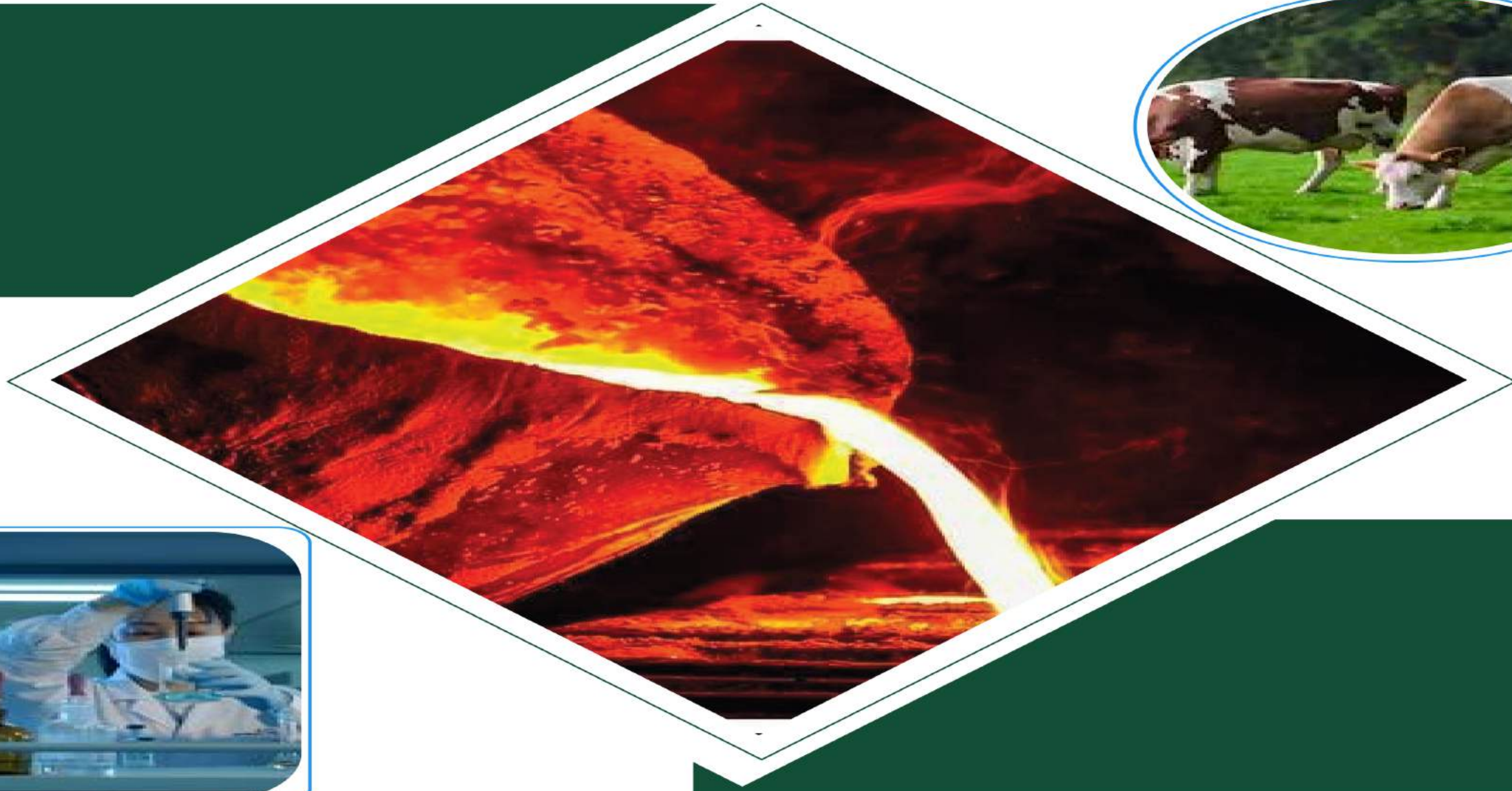
**Glass
Beads**



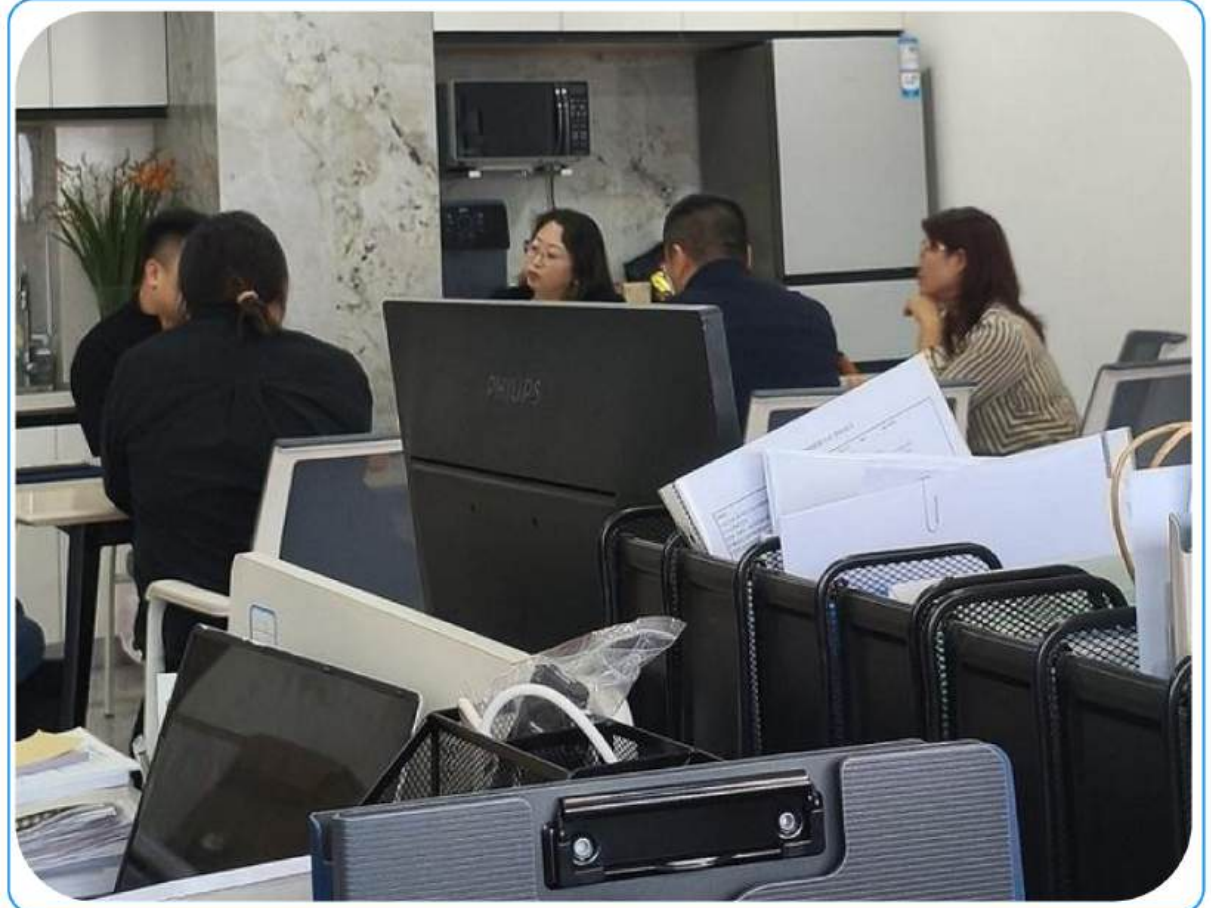
For detailed information regarding the chemical composition of each powder product we deal with, please feel free to contact us directly at +91 98317 49666 or email us at info@primeglobeintl.com

Our team will be pleased to provide you with the necessary specifications and technical details upon request.





10+ years only focus on professional refractory materials, fertilizer, chemical products supplying



Factory Kiln / Facility



OUR STRENGTH

◆ Competitive Price

High quality and large production of magnesium mineral in Dashiqiao, Haicheng, Xiuyan in Liaoning Province.

◆ High Quality

Over 10+ years cooperation with factories, to ensure supply high quality products to customers.

◆ Stable Supply + Fast Delivery

Big support from cooperated factories, as we are exporting over 100,000 tons per year.

◆ Reliable After-sales

Dedicated after-sales team for our customers, paper work.



STORAGE LOADING



Caustic Calcined Magnesite -- Fertilizer Grade

Specification	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI
MgO 65%	65.00% min.	10.00% max.	5.00% max.	1.00% max.	1.00% max.	20-25%
MgO 70%	70.00% min.	10.00% max.	3.00% max.	1.00% max.	1.00% max.	10-20%
MgO 80%	80.00% min.	10.00% max.	3.00% max.	1.00% max.	1.00% max.	4-10 %
MgO 85%	85.00% min.	6.00% max.	2.50% max.	0.80% max.	0.70% max.	3-6 %
MgO 90%	90.00% min.	4.50% max.	2.50% max.	0.80% max.	0.70% max.	1-2%
MgO 92%	92.00% min.	3.00% max.	2.00% max.	0.6% max.	0.5% max.	1-2%

Size: 100 mesh,200 mesh,325 mesh passing 90% or 95% min

◆ **Product description:**

Magnesium oxide (chemical formula: MgO) is an oxide of magnesium, an ionic compound. It is a faint yellow solid at room temperature. Magnesium oxide exists in the form of periclase in nature and is a raw material for magnesium smelting.

◆ **Application:**

The greatest use in agriculture is as a feed for fertilizers, and a major element in the metabolism of plants.

◆ **Package:** Base on customer demands



Caustic Calcined Magnesite -- Feed Grade

Spec	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI	Cd	Hg	Pb	As	F
MgO 80%	80% min.	10% max.	3.00% max.	1.20% max.	1.5% max.	4-9%	2ppm	0.1ppm	10ppm	20ppm	500ppm
MgO 85%	85% min.	6.00% max.	2.50% max.	1.20% max.	1.5% max.	3-6%	2ppm	0.1ppm	10ppm	20ppm	500ppm
MgO 90%	90% min.	4.50% max.	2.50% max.	1.20% max.	1.5% max.	1-2%	2ppm	0.1ppm	10ppm	20ppm	500ppm

Size: 200 mesh, 325 mesh , 0.1-1mm,0.3-0.5mm, 0.3-1.8mm,0.3-2mm

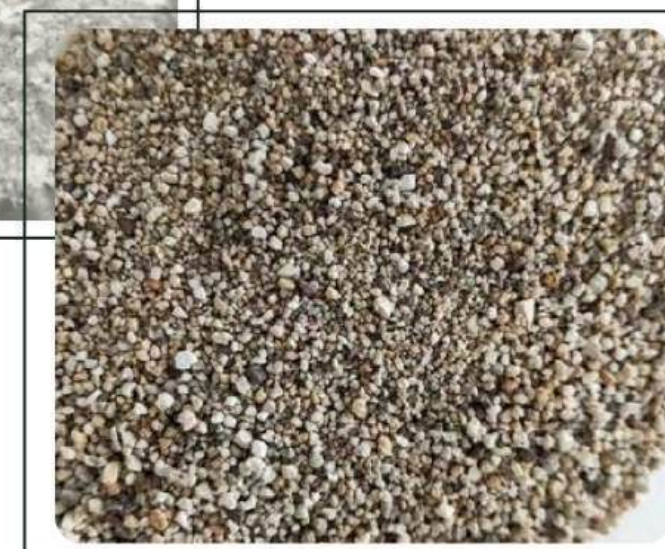
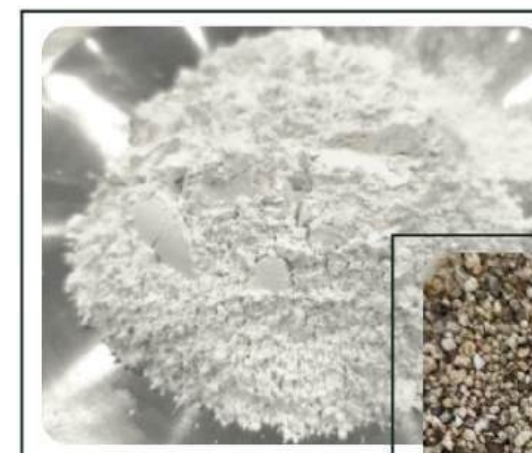
◆ **Product description:**

Magnesium oxide (chemical formula: MgO) is an oxide of magnesium, an ionic compound. It is a faint yellow solid at room temperature. Magnesium oxide exists in the form of periclase in nature and is a raw material for magnesium smelting.

◆ **Application:**

The greatest use in agriculture is as a feed for livestock, and a major element in the metabolism of animals.

◆ **Package:** Base on customer demands



Caustic Calcined Magnesite -- Abrasive Grade

Specification	MgO	SiO ₂	CaO	Al ₂ O ₃	Fe ₂ O ₃	LOI	activity @ CAA PH 8.6
MgO 85%	85.00% min.	6.00% max.	2.50% max.	0.70% max.	0.40% max.	3-6 %	190-220 S
MgO 88%	88.00% min.	5.00% max.	2.50% max.	0.70% max.	0.40% max.	2-4 %	160-180 S
MgO 90%	90.00% min.	4.50% max.	2.00% max.	0.60% max.	0.35% max.	1-3%	130-150 S
MgO 90% brake pad	90.00% min.	4% max	1.8% max	1.20% max.	0.5% max	1-2%	130-150 S
MgO 93%	93.00% min.	2.50% max.	1.20% max.	0.60% max.	0.5% max.	1-2%	100-120 S
MgO 93%	93.00% min.	0.80% max.	1.60% max.	0.40% max.	0.6% max.	1-2%	100-120 S
Size: 200 mesh or 325 mesh passing 90 or 95%							

◆ **Product description:**

Magnesium oxide (chemical formula: MgO) is an oxide of magnesium, an ionic compound. It is a white solid at room temperature. Magnesium oxide exists in the form of periclase in nature and is a raw material for magnesium smelting.

◆ **Application:** Emery stone, soral cement, mgo board.

◆ **Package:** Base on customer demands



Caustic Calcined Magnesite -- Suspended Kiln materials

Specification	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI	Size	Activity @ CAA PH 8.6
MgO 92%	92.00% min.	4.00% max.	2.00% max.	0.80% max.	1% max.	3 % max	200 mesh	45-65 S
MgO 95%	95.00% min.	0.50% max.	1.50% max.	0.50% max.	0.80% max.	2 % max	200 mesh	30-40 S
MgO 95%	95.00% min.	0.50% max.	1.50% max.	0.20% max.	0.80% max.	2 % max	325 mesh	20-25 S

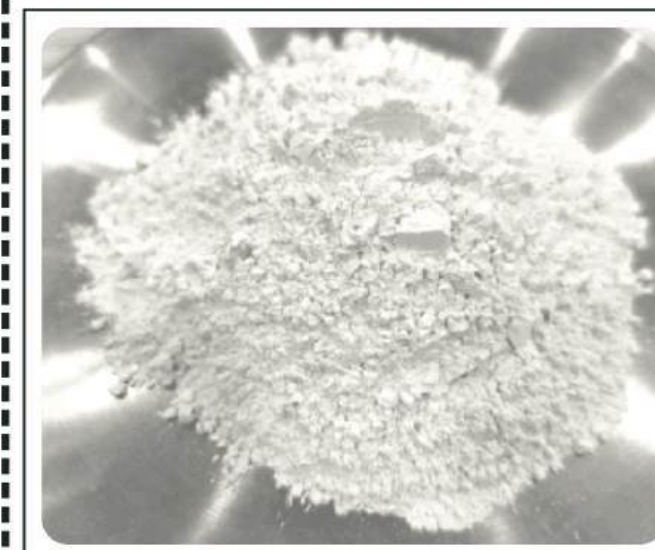
◆ Product description:

Magnesium oxide (chemical formula: MgO) is an oxide of magnesium, an ionic compound. It is a faint yellow solid at room temperature. Magnesium oxide exists in the form of periclase in nature and is a raw material for magnesium smelting.

1. ◆ Application: CCM Suspended Kiln materials, desulfuration, chemical , refractory lines, FMLC raw materials

2. ◆ Application: Ammonium sulfate is an excellent nitrogen fertilizer (commonly known as fertilizer powder), suitable for general soil and crops

◆ Package: Base on customer demands



Ammonium Sulphate



(NH4)2SO4	Ammonium Sulphate Crystal	Ammonium Sulphate Granule
N % min	20.5	20.5
S % min	23.5	23.5
H2O % max	1	1
H2SO4 % max	0.3	0.3

Magnesium Sulphate Monohydrate

Fertilizer Grade	T-MgO (%min)	W-MgO(%min)	Moisture (%max)	Cl (%max)	As(mg/kg max)	Pb(mg/kg max)
A	26	25	5	2.5	50	200
B	26	23				
C	26	20				
Size: 2-4, 3-5 mm						
Feed Grade	Mg(%min)	Cl(%max)	As (mg/kg max)	Pb(mg/kg)		
A	16.5	0.014	2	10max		
B	16	0.014	2	10max		
C	15	0.014	2	10max		
Size: 60/80/100 Mesh						



◆ Description

Magnesium Sulphate Monohydrate: Fertilizer grade, not only can be used directly, but also can be used as composition of compound fertilizer. Supply magnesium sulphate for animal feed purpose.

Magnesium Sulphate Heptahydrate: is an important inorganic raw material.

Magnesium Sulphate Heptahydrate

Spec	Mg(%min)	Purity(%min)	Cl(%max)	As(mg/kg)	Pb(mg/kg)	Size
A	9.8	99.5	0.5	2max	10max	0.1-1mm,
B	9.6	99.8				2-4mm
C	9.4	96				



DBM (Dead Burnt Magnesite)

Spec	MgO	CaO	SiO2	Fe2O3	Al2O3	B.D	LOI
DBM 85	85% min	3.00% max.	8.50% max.	2.50% max.	2.50% max.	2.9g/cm3	1.5% max
DBM 90	90% min.	2.50% max.	5.50% max.	1.5% max.	1.50% max.	3.0g/cm3	1% max
DBM 92	92% min	2.5% max	4.5% max	1.3% max.	1.5% max.	3.15g/cm3	1% max
DBM 95	95% min	1.6% max	2.0% max	1.0% max	1.0% max	3.25g/cm3	0.30% max
DBM 97	97% min	1.50% max.	0.65% max.	0.9% max.	0.3% max.	3.28g/cm3	0.25% max.
DBM 97.5	97.5% min	1.3% max.	0.6% max	0.9% max	0.3% max.	3.28-3.3g/cm3	0.2% max.
DBM 98	98% min	1% max	0.5% max	0.9% max	0.3% max	3.33g/cm3	0.2% max

◆ Product description:

Dead Burnt Magnesite, also known as sintered magnesia. Mainly used to make basic refractory materials, such as magnesium bricks, magnesium aluminum bricks, containing impurities for laying steel furnace bottom.

◆ Application: Used in magnesium bricks, magnesium aluminum bricks, magnesium chromium bricks, spray feeding, casting, dry materials, coatings, furnace replenishment, asphalt, casting, fireproof and insulation materials, flux auxiliary materials, electrical steelmaking furnaces, heating furnaces , rotary furnace, steelmaking, electric furnace bottom and ramming furnace lining.

◆ Package: Base on customer demands



Magnesite Briquette

MgO	LOI	Bulk density g/cm ³	Residual moisture	Size mm
75%±1%	15%(max)	1.8-2.0	1%(max)	30-60mm
72%±2%	25%(max)	1.8-2.0	2%(max)	30-60mm
65%±1%	30%±2%(max)	1.8-2.0	3%(max)	30-60mm
60%±1%	35%±2%(max)	1.8-2.0	4%(max)	30-60mm



◆ Application: Magnesite Briquette are used as slag protection component modifiers in converter steelmaking, which can improve the viscosity and refractoriness of slag.



FMLC + FM Normal (Fused Magnesite Large Crystal)

Spec	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI	B.D.
FMLC 97	97% min	0.85 max	1.5 max	0.3 max	0.75 max	0.3 max	3.45g/cm3
FMLC 97.5	97.5% min	0.8 max	1.3 max	0.2 max	0.65 max	0.2 max	3.48g/cm3
FMLC 98	98% min	0.7 max	1.2 max	0.15 max	0.6 max	0.15 max	3.5g/cm3
FM Normal 96	96% min	1.6% max	1.5% max	0.2%max	0.9% max	0.25%max	3.45g/cm3
FM Normal 97	97 % min	1.1 max	1.1 max	0.2 max	0.9 max	0.2 max	3.48 g/cm3
FM Normal 97.5	97.5% min	0.9 max	1 max	0.2 max	0.8max	0.15 max	3.5 g/cm3

◆ **Product description:**

Large crystal fused magnesia is fused by electric arc furnace to finish. It has the features such as high purity, dense crystal, good resistance to slag erosion, good thermal shock stability etc.

◆ **Application:**

It is main raw material for manufacturing magnesia or magnesia-carbon brick refractories.

◆ **Package:** Base on customer demands



FM (Fused Magnesite) -- Ratio 2

Spec	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI	B.D.
FM 96	96% min	0.85% max	1.7% max	0.2%max	0.8% max	0.25%max	3.37g/cm3
FM 97	97% min	0.8 max	1.6 max	0.2 max	0.8 max	0.2 max	3.48 g/cm3
FM 97.5	97.5% min	0.7 max	1.4 max	0.2 max	0.7 max	0.15 max	3.5 g/cm3
FM 98	98% min	0.6 max	1.3 max	0.15 max	0.65 max	0.15 max	3.5 g/cm3

FM (Fused Magnesite) Skin

Spec	MgO	SiO2	CaO	Al2O3	Fe2O3	LOI	B.D.
PS93 Brown	93% min	3 max	2.5 max	0.3 max	1 max	1 max	2.8g/cm3
PS95 Brown	95% min	2 max	2 max	0.3 max	0.9 max	1 max	3g/cm3
PS95 LC	95% min	2.5 max	2.5 max	0.2 max	1 max	1 max	3g/cm3

- ◆ Application: FM Ratio 2 -- C:S=2:1, it is raw material of Magnesia Carbon Brick, widely used in the smelting processes, steelmaking furnace
- ◆ Application: The main application of fused magnesia skin: electrical ceramics, refractory materials.



PRODUCT CENTER

Calcium Aluminate

Calcium Aluminate	Test Result
Al ₂ O ₃	39.66%
CaO	49.12%
SiO ₂	1.98%
TiO ₂	0.18%
Fe ₂ O ₃	0.91%
MgO	1.8%



1. ♦ Application: Calcium aluminate, in the field of metallurgy, calcium aluminate refining slag is an excellent flux that can be used in the smelting of metals such as aluminum and magnesium. It can also be used as a slag-forming agent in the steelmaking process to help deoxidize and desulfurize, reducing the content of harmful elements and impurities in steel. It is suitable for plain carbon steel, high carbon steel, and high and low alloy steel.

2. ♦ Application: Wollastonite, it is used as raw material or filler for papermaking, ceramics, cement, rubber, plastics, etc., and as a flux in the metallurgical industry, mainly in the smelting of molten iron in blast furnaces and manganese alloys.

Wollastonite

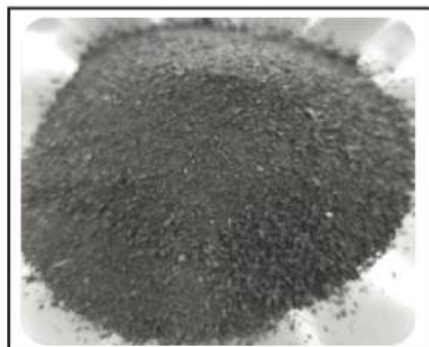
Item	Spec	Test Result
SiO ₂	49.5-53.5%	51.12%
CaO	42.5-46.5%	43.06%
MgO	MAX3%	1.58%
Al ₂ O ₃	MAX1.5%	1.06%
Fe ₂ O ₃	MAX1%	0.54%
MnO	MAX0.2%	0.096%
P ₂ O ₅	MAX0.5%	0.083%
Moisture	MAX0.5%	0.08%
LOI	MAX3%	2%
UBD		0.96

Fused Magnesia Chrome Material

Spec	Cr2O3	MgO	SiO2	CaO	Fe2O3	Al2O3	Size	B.D g/cm3
FMCR 14-16%	14-16%	≥65%	≤1.0%	≤1.0%	≤12%	≤8.0%	0-60mm	≥3.65
FMCR 16-18%	16-18%	≥60%	≤1.0%	≤1.0%	≤10%	≤7.0%	0-60mm	≥3.65
FMCR 18-20%	18-20%	≥58%	≤1.0%	≤1.2%	≤9.0%	≤8.0%	0-60mm	≥3.68
FMCR 20%	≥20%	≥60%	≤1.0%	≤1.0%	≤1.0%	≤6.0%	0-60mm	≥3.70
FMCR 48-49%	48-49%	48-49%	≤1.0%	≤1.0%	≤1.0%	≤1.0%	0-60mm	≥3.70
FMCR 80%	77-83%	17-23%	≤1.0%	≤1.0%	≤1.0%	≤1.0%	0-1/1-3mm	≥3.70
Spec	Cr2O3	MgO	SiO2	CaO	LOI	Al2O3	Size	B.D (g/cm3)
FMCR SKIN	16%min	52%min	2.0%max	2.0%max	1.0%max	8.0%max	0-50 mm	≥3.45

Fused Magnesia Alumina Chrome Material

Spec	Cr2O3	MgO	SiO2	CaO	Fe2O3	Al2O3	Size
FMAC-85%	83-86%	4-6%	≤1.0%	≤1.0%	≤1.0%	4-6%	1-3mm
FMAC-75%	75-78%	12-14%	≤1.0%	≤1.0%	≤1.0%	6-9%	1-3mm
FMAC-60%	60-62%	16-18%	≤1.0%	≤1.0%	≤1.0%	12-15%	1-3mm



- ◆ Application: Fused Magnesia Chrome Material, the materials are mainly used in high power and ultra-high power electrical furnaces refining furnace.rotation kiln in cement industry and so on
- ◆ Application: Fused Magnesia Alumina Chrome Material, its mainly applied to metallurgy, chemical industry and etc.

PRODUCT CENTER

High Iron High Calcium Magnesite

Spec	CaO	Fe ₂ O ₃	MgO	Al ₂ O ₃	SiO ₂	LOI	B.D.
High Calcium Magnesia	20-25	≤2.5	73-78	≤0.5	≤1.2	≤0.5	≥3.25
	25-30	≤2.5	68-73	≤0.5	≤1.2	≤0.5	≥3.25
	30-35	≤2.5	63-68	≤0.5	≤1.2	≤0.5	≥3.25
High Iron High Calcium Magnesite	7-9	5-7	83-88	≤0.7	≤1.2	≤0.3	≥3.2
	9-12	3-4	83-88	≤0.7	≤1.2	≤0.3	≥3.2
Olivine Powder		≤9.0	40-42		42-44	≤4.5	
		≤9.0	42-45		40-42	≤3.5	

◆ Application:

High Calcium Magnesia: Used for manufacturing magnesium calcium bricks

High Iron High Calcium Magnesite: The main uses include manufacturing refractory materials and serving as raw materials for steelmaking, ramming mass.

Olivine Powder is widely used in fields such as ceramics, glass, and building materials

◆Package: Base on customer demands



Brown Fused Alumina

Item	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	TiO ₂	MgO+CaO	Carbon	B.D	Magnetized material	Moisture Content
Technical Parameter	≥95.00%	≤0.20%	≤1.00%	≤3.00%	≤0.80%	≤0.04%	≥3.85g/cm ³	≤0.02%	≤0.50%
	≥90.00%	≤1.0%	≤1.45%	≤3.00%	≤0.80%	LOI≤0.2%			
Particle Size	0-1mm, 1-3mm, 3-5mm, 5-8mm, 8-12mm, 8-15mm, 0-50mm, 0-30mm, 0-25mm, 0-20mm, 0-18mm, 0-15mm								
Powder	150#-0, 180#-0, 200#-0, 240#-0, 280#-0, 325#-0								

White Fused Alumina + Tabular Fused Alumina

Spec	Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	Na ₂ O	L.O.I	B.D
White fused Alumina	99.2% min	0.2% max	0.1% max	0.1% max	0.4% max	0.5% max	3.5 min
White fused Alumina DC Fines	98.12%	0.38%	/	0.39%	0.65%	0.21%	1.25g/cm ³
Tabular fused Alumina	99.2% min	0.1% max	0.1% max	0.03% max	0.4% max	0.5% max	3.5 min
Size	0-1mm, 1-3mm, 3-5mm, 5-8mm, 200mesh, 325 mesh and abrasive grade 36#-180#						

- ◆ Application: *Refractory materials*: Brown Fused Alumina is widely used in the manufacture of high-grade refractory bricks, casting materials, etc.
- ◆ Application: White fused alumina widely used in the manufacture of hard alloys, abrasives, wear-resistant materials, high-temperature insulation materials, etc. WFA DC Fines: Grinding and Polishing, Refractory Material, Coated Abrasive Tool, etc. Tabular fused Alumina: can be used to manufacture catalyst supports, refractory materials, etc



RKB (Rotary Kiln Bauxite)

Spec	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	TiO ₂	Bulk Density (g/ccm)	CaO+Mgo	K ₂ O +Na ₂ O	LOI	Water Absorption	Refractoriness
RKB 90	≥90	≤1.5	≤4	≤4	≥3.2	≤0.4	≤0.25	≤0.1		
RKB 88	≥88	≤1.5	≤6	≤4	≥3.15	≤0.4	≤0.4	≤0.1	≤4	> 1790
RKB 87	≥87	≤1.8	≤7	≤4	≥3.15	≤0.4	≤0.25	≤0.1		
RKB 86	≥86	≤1.8	≤8	≤4	≥3.10	≤0.4	≤0.25	≤0.1		
RKB 85	≥85	≤1.8	≤9	≤4	≥3.10	≤0.4	≤0.4	≤0.1	≤4	> 1790
RKB 83	≥83	≤2.0	≤11	≤4	≥3.00	≤0.4	≤0.25	≤0.1		
RKB 82	≥82	≤2.0	≤12	≤4	≥2.90	≤0.4	≤0.25	≤0.1		
RKB 80	≥80	≤2.0	≤14	≤4	≥2.90	≤0.4	≤0.5	≤0.1	≤5	

◆ **Product description:**

Rotary Kiln Bauxite is a mineral containing elements such as aluminum, silicon, and oxygen, widely used in fields such as aluminum, ceramics, construction, and chemicals

◆ **Application:**

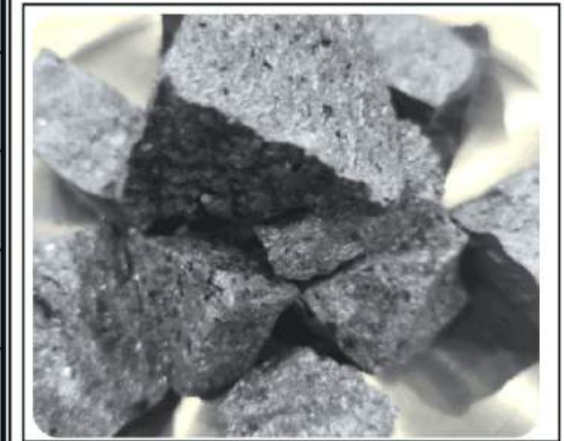
Can be used for producing aluminum metal Aluminum metal is widely used in modern industry, such as automobile manufacturing.

◆ **Package:** Base on customer demands



Ferro Silicon

Spec	Si	Al	C	S	P
Fesi 45	45% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Fesi 63	63% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Fesi 65	65% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Fesi 70	70% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Fesi 72	72% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Fesi 75	75% Min.	3.50% Max	0.35% Max	0.05% Max	0.05% Max
Size: 10-50mm, 10-60mm, 10-100mm, 50-100mm					



1. ♦ Application: Ferro Silicon, steelmaking, Casting, Silicon – rich alloy production
2. ♦ Application: Gunning (coating) mix for tundish: Easy to coat, non-collapse, non-cracking, good corrosion resistance, longer service life, and easy to disintegrate and no sticking. MgO – CaO coating mix would improve the purity of the molten steel.

Gunning (coating) mix for tundish

Spec	MgO %≥	CaO %≥	Bulk density (g/cm ³)		C.C.S (MPa) ≥		Linear expansion rate%		Size (mm)
			100°Cx24hr	1500°Cx3hr	100°Cx24hr	1500°Cx3hr	100°Cx24hr	1500°Cx3hr	
1	88	-	1.8~2.0	2.0~2.1	4	6	0~0.3	-0.5~2.0	0~3
2	75	13	1.8~2.0	2.0~2.1	4	6	0~0.3	-0.5~2.0	0~4

ELECTRICAL GRADE MAGNESIUM OXIDE POWDER

Spec (Powder)	Physical Analysis			Chemical Analysis				
	Powder	velocity of flow	B.D	MgO	CaO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
high temperature	40-325	36±2	2.30±0.03	≥97	≤1.5	≤0.3	≤1.5	≤0.3
Medium high								
Medium	40-325	36±2	2.28±0.03	≥95	≤1.3	≤0.5	≤2.0	≤0.5
Medium low	40-325	37±2	2.28±0.03					
Low								
Regular	40-325	38±2	2.28±0.03	≥95	≤1.3	≤0.5	≤2.0	≤0.5
Aluminum tube	40-325	38±2	2.28±0.03					



Polishing powder series: Boron Carbide Powder

Item	Index
B ₄ C	96.39
Total B	77.64
Compound B	77.31
Free B	0.33
B ₂ O ₃	0.31
Total C	20.5
Compound C: 19.08; Free C: 1.42; Fe: 0.38; Si: 0.17	

- ◆ Application: Electrical grade magnesium oxide powder is mainly used in the manufacture of insulation materials, refractory materials, electronic components, coatings, ceramics, and glass.
- ◆ Application: Polishing powder series: Boron Carbide Powder, in the refractory industry as an antioxidant, filler is widely used in magnesium carbon brick, iron hook castable and other main materials. Used as grinding and polishing material, water cutting abrasive and diamond abrasive correction material.

Sodium Silicate -- Industrial Solids, Instant Powder

Industrial Solids	S-35 (3.41-3.7 Modulus)			S-33 (3.11-3.4 M)			S-28 (2.65-3.1 M)			S-25 (2.2-2.64 M)		
	Superior	First	Qualified	Superior	First	Qualified	Superior	First	Qualified	Superior	First	Qualified
Soluble solid, W/% \geq	99.0	98.0	97.0	99.0	98.0	97.0	99.0	98.0	97.0	99.0	98.0	97.0
Fe % \leq	0.015	0.10	--	0.015	0.10	--	0.015	0.10	--	0.015	0.10	--
Al ₂ O ₃ W/% \leq	0.1	0.3	--	0.1	0.3	--	0.1	0.3	--	0.1	0.3	--



Instant Powder	I	II	III	IV	V
Modulus	2.00 \pm 0.10	2.30 \pm 0.10	2.85 \pm 0.10	3.00 \pm 0.10	3.30 \pm 0.10
Na ₂ O%	25.0~28.0	23.0~26.0	20.0~23.0	19.0~22.0	18.0~21.0
SiO ₂ %	48.0~54.0	51.0~58.0	55.0~64.0	55.0~64.0	56.0~65.0
Speed of dissolution/s	\leq 180	\leq 200			
B.D, g/ml	0.35~0.80	0.50~0.80			
Whiteness \geq	85	--			
LOI/% \leq 25; Fe%:0.15; Residue (150 um)/% \leq 5					

- ◆ HS Code: 2839191000
- ◆ CAS No.: 1344-09-8
- ◆ Application: Metallurgical industry (amorphous refractory binder, furnace gunning binder, sand mold binder in casting industry), chemical industry, light industry, daily chemical industry, construction industry, petroleum industry
- ◆ Package: Base on customer demands



SHMP 68% -- Sodium Hexa Meta Phosphate

Name: SHMP 68%		
Test Item	Standard Values	Analysis Results
Total Phosphate(based on P2O5) %≥	68	68.25
Inactive Phosphate (based on P2O5) %≤	7.5	6.9
Insoluble Matter in Water %≤	0.05	0.03
PH	5.8-7.3	6.2
Fe %≤	0.05	0.03
Solubility	ok	ok
Average Degree of Polymerization	10-16	12

1. ♦ HS Code: 2835391900
 ♦ CAS No.: 10124-56-8
 ♦ Description: SHMP 68%, White powder, it is possible to form solvent compound with metallic ions such as Ca, Ba, Mg, Cu and Fe; it is a fine agent for water treatment. Mainly used in the industrial industries.

2. ♦ HS Code: 29309099
 ♦ CAS No.: 624-92-0
 ♦ Description: Dimethyl disulfide, catalysts and additives: In the petroleum industry, dimethyl disulfide is commonly used as a sulfurization



DMDS -- Dimethyl Disulfide

Item	Spec	Test Result
Purity	≥99.5%	99.9566%
S content	68%	>69%
Methanethiol	0.01%	0.0118
Specific gravity (20/4°C)	1.062	1.062
Water	≤300	185
Refractive index	1.526(20 °C), 1.508(30°C)	OK
Relative density	1.064	OK
Solubility	Insoluble in water, miscible in alcohol, ether	0.05
Dimethyl sulfide	≤0.05	/
Dimethyl polysulfide	≤0.05	0.0126
Molecular weight	94.2	OK

Sodium Tetraborate (Borax Decahydrate) 95%

Test Item	Standard Values	Analysis Results
Main content (Na ₂ B ₄ O ₇ ·10H ₂ O) %	≥95	95.26
Sodium Carbonate (Na ₂ CO ₃) %	≤0.2	0.18
Water insoluble matter %	≤0.04	0.024
Sulfate (SO ₄) %	≤0.2	0.15
Chloride (Cl) %	≤0.05	0.045
Sodium Oxide (Na ₂ O) %	≥15	15
Boron Oxide (B ₂ O ₃) %	≥36	36
Iron (Fe) %	≤0.005	0.0045
Size	40-60 Mesh	



1. ♦ HS Code: 28401900
 ♦ CAS No.: 1303-96-4
 ♦ Application: Sodium Tetraborate (Borax Decahydrate) 95%, used as raw material for vulcanizator, catalyst, disinfectant, fire retardant; Used as raw material for the production of dye and pigment; Used as raw material for Electroplating additive.

2. ♦ HS Code: 2810002000
 ♦ CAS No.: 10043-35-3
 ♦ Application: Boric Acid 99.9%, used as an antiseptic, insecticide, flame retardant, neutron absorber, or precursor to other chemical compounds.

Boric Acid 99.9%

Item	Index
H ₃ BO ₃ w/% ≥	99.9
Water insoluble substances w/% ≤	0.005
SO ₄ /(mg/kg) ≤	3
F/(mg/kg) ≤	2
Cl/(mg/kg) ≤	1
PO ₄ /(mg/kg) ≤	10
Na/(mg/kg) ≤	10
Fe/(mg/kg) ≤	2
Ca/(mg/kg) ≤	10
Mg/(mg/kg) ≤	10
Al/(mg/kg) ≤	5
SiO ₂ /(mg/kg) ≤	10
As/(mg/kg) ≤	2
Pb/(mg/kg) ≤	2
10B/11B abundance ratio ≥	0.244

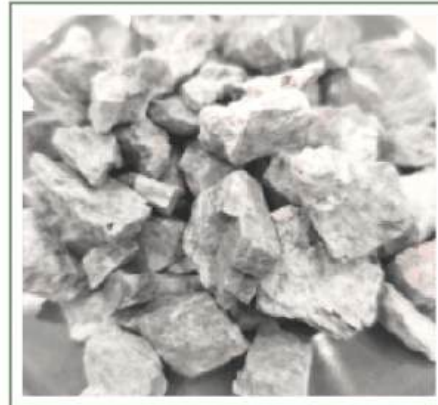
OTHER PRODUCTS



KAOLIN



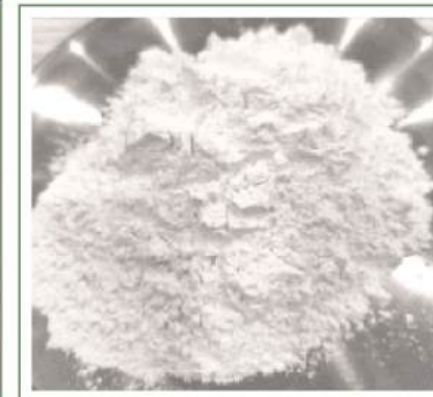
Brucite



**Potassium
Feldspar**



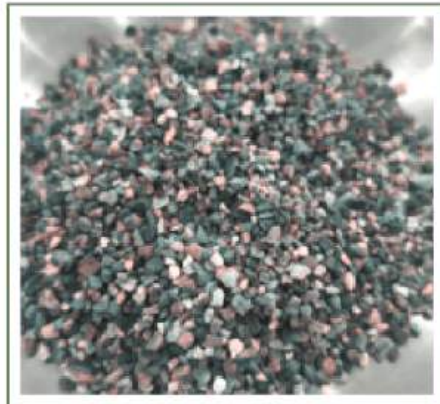
Fireclay



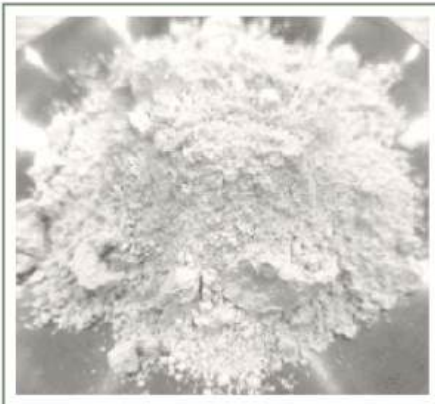
TALC



Silicon Carbide



Rotary Mullite



Cordierite



**Mag-Carbon
Briquette**



Adipic Acid



MgCl₂ 6H₂O



**Magnesium
Hydroxide**



**Molecular
Sieve**



Fiberglass Cloth



MgSO₄



Humic Acids



Metal Silicon



NPK









UMmedical UMCT-128X 128-slice CT scanner system for Hospital Privado Luanda Sul, Angola.



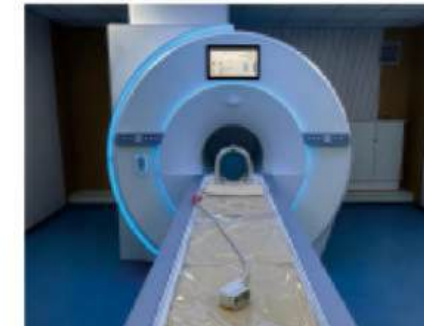
UMmedical veterinary MRI system UMMRI-035 VET for Southvalley Veterinary Clinic in Philippines.



UMmedical 50kW digital x-ray system UMX500D in Nigeria.



UMmedical digital flat panel C-arm systems for a public hospital in Algeria.



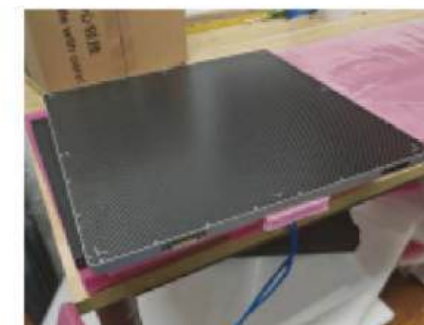
UMY Medical MRI system has been installed in our local hospital and oversea hospital.



UMmedical mobile DR systems (10 sets) UMX-mDR5A for a tender in Philippines.



Doctors in a Ghana hospital are happy with UMmedical UMB-S7 color doppler ultrasound system.



UMY Medical flat panel detector have delivering to many different countries, and get good feedback for the quality.



UMmedical CBCT system UMX1005E has been set up in a dental clinic in Myanmar.



UMXRAY120

- ★ Output Power: 50KW
- ★ Power Voltage: 380V±10%
- ★ kV range: 40~150kV
- ★ Max. mA: 630mA
- ★ mAs range: 0.1 ~630mAs
- ★ ms range: 10~5000ms
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Detector Size: 17X17inch (Wireless)
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.4
- ★ AD Conversion: 16



UMXRAY124

- ★ Output Power: 50KW
- ★ Power Voltage: 220V±10%
- ★ kV range: 40~150kV
- ★ Max. mA: 630mA
- ★ mAs range: 0.1 ~630mAs
- ★ ms range: 10~5000ms
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Detector Size: 17X17inch (Wireless)
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.4
- ★ AD Conversion: 16



UMX650D

- ★ Output Power: 65KW
- ★ Power Voltage: 380V±10%
- ★ kV range: 40~150kV
- ★ mA range: 10~800mA
- ★ mAs range: 0.4 ~1000mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Detector Size: 17X17inch
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMXRAY127

- ★ Output Power: 50KW
- ★ Power Voltage: 380V±10% (220V optional)
- ★ kV range: 40~150kV
- ★ mA range: 10~630mA
- ★ mAs range: 0.4 ~1000mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Support AEC, APR automatic exposure
- ★ Diagnostic Self-test and display
- ★ The grid material: Aluminum based grid
- ★ Size: 18×18 inch (48×48cm)
- ★ Grid ratio: 10:1
- ★ Density: 215C



UMXRAY126

- ★ Output Power: 50KW
- ★ Power Voltage: 380V±10%
- ★ kV range: 40~150kV
- ★ Max. mA: 630mA
- ★ mAs range: 0.1 ~630mAs
- ★ Exposure time: 0.002s~6.3s
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Detector Size: 17X17inch
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMX-iDR50XD

- ★ Output Power: 50KW
- ★ Power Voltage: 380V±10%
- ★ kV range: 40~150kV
- ★ Max. mA: 630mA
- ★ mAs range: 0.1 ~630mAs
- ★ Exposure time: 0.002s~6.3s
- ★ Small focus: 0.6 / Large focus: 1.2
- ★ Detector Size: 17X17inch
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMX320D

- ★ Output Power: 32KW
- ★ Power Voltage: 220V±10%
- ★ kV range: 40~125kV
- ★ mA range: 10~400mA
- ★ mAs range: 0.1 ~320mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 2.0 / Large focus: 2.0
- ★ Detector Size: 17X17inch
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMX200D

- ★ Output Power: 20KW
- ★ Power Voltage: 220V±10%
- ★ kV range: 40~125kV
- ★ mA range: 10~250mA
- ★ mAs range: 0.1 ~200mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 1.0 / Large focus: 2.0
- ★ Detector Size: 17X17inch
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Pixel Pitch (μm): 139
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMXRAY056

- ★ Human 32KW/400mA medical x ray machine
- ★ Maximum Output Power: 32 kW
- ★ kV range: 40~150kV
- ★ mA range: 10 ~ 400 mA
- ★ mAs range: 0.1 ~ 400 mAs
- ★ Exposure time: 0.001 ~ 6.3 s
- ★ Input Power: 380 V/3-phase /220V (option)



UMXRAY059

- ★ Output Power: 50KW
- ★ Power Voltage: 380V±10% (220V optional)
- ★ kV range: 40~150kV
- ★ mA range: 10~630mA
- ★ mAs range: 0.4 ~1000mAs
- ★ Exposure time: 0.001s~10s
- ★ Max tube voltage: 125KV
- ★ wire flat panel detector, desktop computer, vet / human software



UMXRAY130

- ★ Output Power: 32KW
- ★ Power Voltage: 220V±22V
- ★ kV range: 40~125kV
- ★ mA range: 32~400mA
- ★ mAs range: 0.32 ~400mAs
- ★ Exposure time: 0.002~6.3S
- ★ Small focus: 1.0 / Large focus: 2.0
- ★ Detector Size: 17X17inch(Wireless)
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMXRAY156

- ★ Output Power: 32KW
- ★ Power Voltage: 220V±22V
- ★ kV range: 40~125kV
- ★ mA range: 32~400mA
- ★ mAs range: 0.32 ~400mAs
- ★ Exposure time: 0.002~6.3S
- ★ Small focus: 1.0 / Large focus: 2.0
- ★ Detector Size: 17X17inch(Wired)
- ★ Scintillator: CSI
- ★ Pixels: 3072*3072
- ★ Resolution: 3.6
- ★ AD Conversion: 16



UMXRAY081

- ★ VET DR X-RAY 20kw/32kw
- ★ Output Power: 32KW
- ★ Power Voltage: 220V±10%
- ★ kV range: 40~125kV
- ★ mA range: 10~400mA
- ★ mAs range: 0.1 ~320mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 2.0 / Large focus: 2.0
- ★ 4-way floating table



UMXRAY078

- ★ VET DR X-RAY 20kw/32kw
- ★ Output Power: 32KW
- ★ Power Voltage: 220V±10%
- ★ kV range: 40~125kV
- ★ mA range: 10~400mA
- ★ mAs range: 0.1 ~320mAs
- ★ Exposure time: 0.001s~10s
- ★ Small focus: 2.0 / Large focus: 2.0
- ★ 4-way floating table



UMXRAY128

- ★ Power: 32kW / 20kW
- ★ Voltage: AC220V ± 10%
- ★ kV Range: 40 ~125kV
- ★ mA Range: 10 ~400mA / 10 ~320mA
- ★ mAs Range: 0.5-320mAs
- ★ Working Frequency: ≥100kHz
- ★ Exposure time: 0.002S ~6.3S
- ★ Focus: 0.6 mm / 1.2 mm
- ★ Detector size: 17*17 inch (Wireless is optional)
- ★ Scintillator: Csl
- ★ Pixel Size: 139um
- ★ Spatial Resolution: Min. 3.4 lp/mm



UMX-mR32 / UMX-mR20

- ★ Power: 32kW / 20kW
- ★ Voltage: AC220V ± 10%
- ★ kV Range: 40 ~125kV
- ★ mA Range: 10 ~400mA / 10 ~320mA
- ★ mAs Range: 0.5-320mAs
- ★ Working Frequency: ≥100kHz
- ★ Exposure time: 0.002S ~6.3S
- ★ Focus: 0.6 mm / 1.2 mm



UMXRAY087



- ★ Power: 8kW
- ★ Voltage: AC220V ± 10%
- ★ kV Range: 40~125kV
- ★ mA Range: 5~160mA
- ★ mAs Range: 0.1-200mAs
- ★ Working Frequency: 100kHz
- ★ Exposure time: 0.0032S~10S
- ★ Single Focus: 2.0 mm



UMXRAY086



- ★ Maximum Power: 5.6kW
- ★ Power Supply: AC110/220V±10%, 50/60Hz±1Hz
- ★ mA adjustable range : 5~100 mA
- ★ mAs adjustable range: 0.1~320 mAs
- ★ kV adjustable range: 40kV~125kV
- ★ Exposure time: 1ms~10000ms
- ★ X-ray tube focus: 0.6mm/1.8mm



UMXRAY034



- ★ Nominal Power : 450W
- ★ Power Voltage: 220V±22V
- ★ kV range: 40~90kV
- ★ mA range: 2~5mA
- ★ Focal spot 0.8mm
- ★ Anode Disk Target Angle: 19°
- ★ Communication : RS232/WIFI



UMXRAY031



- ★ Nominal Power : 210W
- ★ Power Voltage: 220V±22V
- ★ kV range: 40~70kV
- ★ mA range: 1~3mA
- ★ Focal spot 0.4mm
- ★ Anode Disk Target Angle: 12°
- ★ Communication: RS232/WIFI



UMXRAY070



- ★ Power: 5kW
- ★ Voltage: AC220V ± 10%
- ★ kV Range: 40-110KV
- ★ mA Range: 32mA-100mA
- ★ mAs Range: 0.32-315mAS
- ★ Exposure time: 0.01-6.3s



UMXRAY084



- ★ Power: 5kW
- ★ Voltage: AC220V ± 10%
- ★ kV Range: 40~125kV
- ★ mA Range: 10~100mA
- ★ mAs Range: 1-100mAs
- ★ Exposure time: 01-1000ms
- ★ Focus: 0.6 / 1.8 mm



UMARMO43



- ★ Output Power: 5KW
- ★ Power Voltage: 220V±22V
- ★ kV range: 40~125kV
- ★ mA range: 6.3~100mA
- ★ mAs range: 0.2 ~100mAs
- ★ ms range: 10~16000ms
- ★ Small focus: 0.3 / Large focus: 0.6
- ★ Detector Size: 9X9inch
- ★ Scintillator: CSI
- ★ Pixels: 1024*1024
- ★ Resolution: 2.5
- ★ Pixel Pitch (μm): 205



UMDX008



- ★ Charger input voltage and frequency: 220V~50Hz
- Dental x-ray machine
- ★ X-ray Tube: Canon D-045
- X-Ray focus: 0.4mm
- leakage radiation rate: ≤0.1mGy/h at 1 meter
- relative humidity: 30%RH~75%R
- ★ tube voltage: 70kV±10%
- ★ tube current: 2mA+_20%



UMMRI033 

- ★ Magnet type: Permanent magnet (Automatic constant temperature system)
- ★ 1.5T
- ★ Magnet appearance: Cycle
- ★ Shimming method: Passive+Active
- ★ Homogeneity: 10ppm 45cm DSV, Vp-p
- ★ SGS line: 4.0m*2.5m
- ★ Patient Space: 600m
- ★ Gradient system



UMMRI-150 

- ★ Superconducting magnet
- ★ 1.5T active shield superconducting magnet
- ★ Gradient System RF System
- ★ Spectrometer
- ★ All-digital
- ★ Various sequences
- ★ Receiving Channel: 8
- ★ Receiving Coil: Phased Array Coils



UMCT150 

- ★ 32 Slice 32 Row Scanner
- ★ 32-row detector acquisition
- ★ Maximum power of high-voltage generator: 42kW
- ★ Output tube current: 10-350mA
- ★ 5 types collimated adaptive filters
- ★ Monitor: 27" liquid crystal display, resolution: 3840*2160 (4K)



UMCT151 

- ★ 64 Slice 32 Row Scanner
- ★ Numbers of detector rows: 32
- ★ Gantry tilt mode: Mechanical gantry tilt
- ★ Width of Z-axis detector: 20mm
- ★ Tube mA range: 10~420mA
- ★ Minimum 360-degree rotation time: 0.5s



UMMRI-040A 

- Magnet system**
- ★ Large openness structure
 - ★ A-Shimming technology
 - ★ Intelligent temperature control
- Gradient system**
- ★ Advanced Gradient coils
 - ★ Self-shielding technology
 - ★ Eddy-'0' technology, extremely reduce eddy currents
 - ★ Air cooling gradient coils and amplifier
- Computer System**
- ★ DIS system
 - ★ Host computer
 - ★ Color LCD Monitor



UMMRI-035 


- ★ Magnet Type: Full open, eddy current free, self-constant temperature, permanent Nd-Fe-B magnet
- ★ Field Strength: 0.35T
- ★ Spectrometer: Full Digital
- ★ Receiving Channel: 4
- ★ Receiving Coil: Phase Array Coils
- ★ Comprehensive scanning sequence and advanced imaging techniques
- ★ Clinical application system



UMCT-64N 

- ★ The gantry ring is designed to change colors to inform the patient what phase of the scan they are in. This keeps them aware and informed, reducing anxiety.
- ★ LCD navigation integrated into the gantry provides a real-time, accurate display of current working status, patient information, breathing navigation as well as ECG and scanning parameters.
- ★ Entertaining graphics amuse the patient and put them at ease. This is especially effective with pediatric patients.
- ★ The bold new design of the control panels includes larger knobs which are easier to operate
- ★ Quad-Sampling: By dynamically moving the focal spot axially and longitudinally, sampling density is increased 400%, thus having improved resolution, reduced artifact and extended scanning ranges.



UMCT755 

- ★ Power: 32 kW
- ★ Gantry Bore: 70 cm
- ★ Scan Speed: 47 mm/s
- ★ 20 mm Z-axis coverage, 32 slices per rotation.
- ★ The detector guarantees sufficient sampling per rotation with low afterglow and reduced artifacts.
- ★ 1024 x 1024 Mega-pixel matrix fully displays details of lesions.
- ★ NanoDose Iterative (NDI) and intelligent mA (imA) algorithms enable lower dose while preserving image quality.
- ★ AI-empowered workflow provides easy and comfortable operation.
- ★ 70 kV low dose protocol is available for pediatric scanning.
- ★ Robust hardware allows the system to run stably.



UMMAMMO154



- ★ Digital Breast X-Ray Machine
- ★ High voltage cable :9m
- ★ Target Material: Molybdenum (Mo)
- ★ Total power:5kw
- ★ Kv: 20-40kv
- ★ mA:10~160mA
- ★ Exposure time:50ms~10s
- ★ Focus: 0.1mm/0.3mm
- ★ Filtration: Mo (0.03mm)



UMX980D



- ★ Power Rating: 6.2kW
- ★ Focal Spot Size: Dual Focus 0.2 / 0.4mm
- ★ Target Material: Molybdenum (Mo)
- ★ Port Material: Beryllium (Be)
- ★ High-speed Anode Drive: 2800rpm
- ★ Target Angle: 12°
- ★ Anode Heat Storage: 80kJ (110KHU)
- ★ Anode Cooling: Air Cooling
- ★ Filtration: Mo (0.03mm)



UMCBCT001



Pano

- ★ Provide you with high diagnosis accuracy and better treatment on diseases of the full dentition and jaw.
- ★ Easy to get HD panoramic images by building a perfect tomographic track: combined with the motion of the X, Y and Sita axis: jaw.

CT

- ★ A versatile helper to clearly display patient's anatomical structure with flexible FOV.
- ★ Intelligent imaging technology makes free observation from any angle realizable.
- ★ Accurate measurement of the distance, area, volume and outline contour makes the one-key panoramic image obtained from the 3D image simple and easy.

Cephalometric

- ★ Othodontic specialist's best choice making orthodontic treatment and maxillofacial surgery efficient and accurate.
- ★ Low-dose radiation and high gray realized by dual-level alignment adjustment to provide you with HD cephalometric images..



UMDX002



- ★ Power supply: AC: 220V±10%, 50Hz, 1KVA
- ★ Tube voltage: 60kVp
- ★ Tube current: 8mA
- ★ Focus size: 1.5mm
- ★ Total filtration: 2.5mmAL
- ★ Exposure time: 0.2 - 4sec
- ★ Leak radiation: Outside one meter ≤ 0.002mGy/h (National standard: 0.25mGy/h)
- ★ Optional: 0.5mA Focus size: 0.8mm



UMX-DM98B



- ★ Power Rating: 6.2kW
- ★ Focal Spot Size: Dual Focus 0.2 / 0.4mm
- ★ Target Material: Molybdenum (Mo)
- ★ Port Material: Beryllium (Be)
- ★ High-speed Anode Drive: 2800rpm
- ★ Target Angle: 12°
- ★ Anode Heat Storage: 80kJ (110KHU)
- ★ Anode Cooling: Air Cooling
- ★ Filtration: Mo (0.03mm)
- ★ Detector Material: Amorphous Silicon
- ★ Detector Size: 24cm×30cm
- ★ Pixel Matrix: 2816×3528
- ★ Limit Of Spatial Resolution: 6.0Lp/mm
- ★ DQE Value: @4 Lp/mm:≥35%
- ★ Dynamic Range: 14bit Digital Output
- ★ Pixel Size: 85µm



UMX-DM300



- ★ Tube voltage Range: 20 kV ~ 40 kV in 1 kV step
- ★ Max Output: 4 kW
- ★ Max tube voltage:40kV
- ★ Max tube current: 140mA
- ★ Anode Type: Molybdenum;
- ★ Focal Spot Size: 0.1 mm (Small)/ 0.3 mm (Large)
- ★ Permanent filtration: 0.5mmBe
- ★ Max anode speed: 10000rpm/min;
- ★ Maximun tube assembly heat content: 320 KJ



UMDX008



- ★ Charger input voltage and frequency: 220V~50Hz
- ★ X-ray Tube: Canon D-045
- ★ X-Ray focus: 0.4mm
- ★ Leakage radiation rate: ≤0.1mGy/h at 1 meter
- ★ Relative humidity: 30%RH~75%RH
- ★ Tube voltage: 70kV±10%
- ★ Tube current: 2mA+20%
- ★ Anode angle: 12.5°
- ★ Exposure time adjustment range : 0.04S-2.0S
- ★ Stand model comes standard with remote control



UMDS002



- ★ Operating Voltage:5VDC
- ★ Input power:500mw
- ★ Spatial Resolution:≥7Lp/mm
- ★ Leakage radiation rate: ≤0.1mGy/h at 1 meter
- ★ Image uniformity:≤2%
- ★ Effective image area: 25*30mm
- ★ Sensor Size: 37.16mmx32mmx6mm
- ★ Anode angle: 12.5°
- ★ Adaptor Size: 113.66mmx40mmx15.8mm
- ★ Total Cable Length: 3 m(sensor cable + control box cable to PC)



UMFPD-V1717X



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17
- ★ Pixel Matrix: 3072 × 3072
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.4
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 30
- ★ Data Interface: GigE



UMFPD-V1748V



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 48
- ★ Pixel Matrix: 3064 × 8696
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.4
- ★ AD Conversion (bit): 16
- ★ Data Interface: GigE
- ★ Trigger Mode: AED / Software



UMFPD-M1717V



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17
- ★ Pixel Matrix: 3072 × 3072
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.4
- ★ AD Conversion (bit): 16
- ★ Battery Life (h): 8
- ★ WIFI: 2.4G and 5G, IEEE802.11 a/b/g/n/ac
- ★ Trigger Mode: AED (Optional) / Software



UMFPD-M1417V



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 14 × 17
- ★ Pixel Matrix: 2304 × 2800
- ★ Pixel Pitch (μm): 150
- ★ Limiting Resolution (lp/mm): 3.4
- ★ AD Conversion (bit): 16
- ★ Battery Life (h): 8
- ★ WIFI: 2.4G and 5G, IEEE802.11 a/b/g/n/ac
- ★ Trigger Mode: AED (Optional) / Software



UMFPD-V1012V



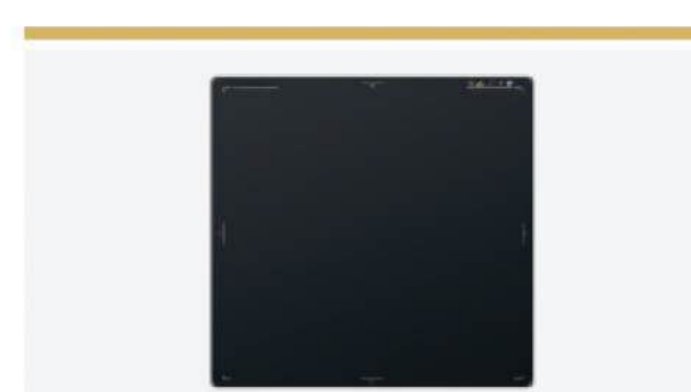
- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2000 × 2400
- ★ Pixel Pitch (μm): 125
- ★ Limiting Resolution (lp/mm): 4
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 20
- ★ Data Interface: GigE



UMFPD-V1012VD



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2000 × 2400
- ★ Pixel Pitch (μm): 125
- ★ Limiting Resolution (lp/mm): 4
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 18
- ★ Data Interface: GigE



UMFPD-M1717X



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17
- ★ Pixel Matrix: 4267 × 4267
- ★ Pixel Pitch (μm): 100
- ★ Limiting Resolution (lp/mm): 4.3
- ★ AD Conversion (bit): 16
- ★ Battery Life (h): 8
- ★ WIFI: 2.4G and 5G, IEEE802.11 a/b/g/n/ac
- ★ Trigger Mode: AED (Optional) / Software



UMFPD-L1012X



- ★ Detector Technology: Flexible
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2502 × 3152
- ★ Pixel Pitch (μm): 100
- ★ Limiting Resolution (lp/mm): 4.3
- ★ AD Conversion (bit): 16
- ★ Battery Life (h): 8.5
- ★ WIFI: 2.4G and 5G, IEEE802.11 a/b/g/n/ac
- ★ Trigger Mode: AED (Optional) / Software



UMFPDO26



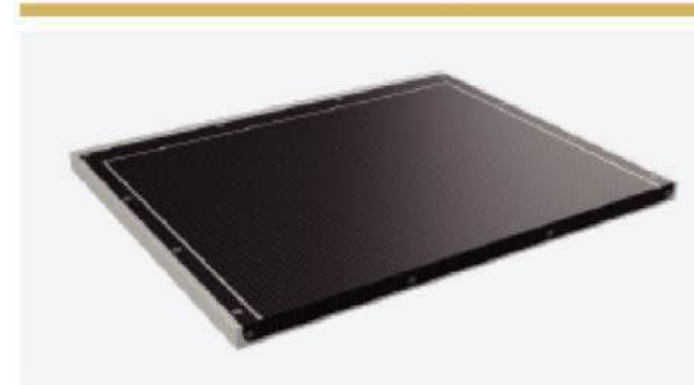
- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17(Wired)
- ★ Pixel Matrix: 3072 × 3072
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.6
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 25
- ★ Data Interface: GigE



UMPFD-D1717V



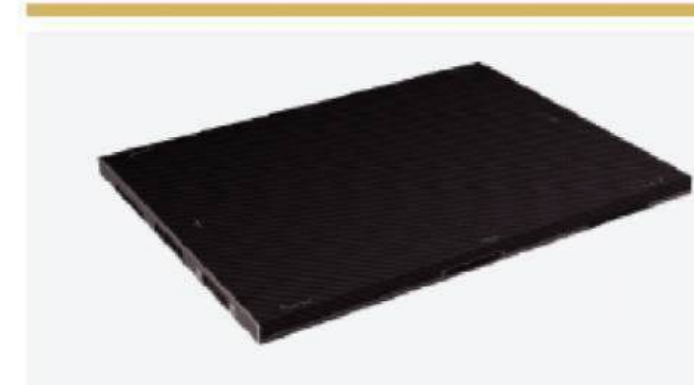
- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17
- ★ Pixel Matrix: 3072 × 3072
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.6
- ★ AD Conversion (bit): 16
- ★ Data Interface: Optical Fiber



UMFPDO19



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2762 × 3408
- ★ Pixel Pitch (μm): 85
- ★ Limiting Resolution (lp/mm): 6
- ★ AD Conversion (bit): 16
- ★ Dynamic Range (dB): >76
- ★ Chest Wall Distance (mm): ≤ 3
- ★ Trigger Mode: AED / Software



UMFPD-R1012X



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2816 × 3528
- ★ Pixel Pitch (μm): 85
- ★ Limiting Resolution (lp/mm): 6
- ★ AD Conversion (bit): 16
- ★ Dynamic Range (dB): >76
- ★ Chest Wall Distance (mm): ≤ 3
- ★ Trigger Mode: Outer / Software / Prep



UMFPDO27



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17(Wireless)
- ★ Pixel Matrix: 3048 × 4328
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.6
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 25
- ★ Data Interface: 2.5GigE



UMFPD-D1748V



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 17 × 17
- ★ Pixel Matrix: 3024 × 8656
- ★ Pixel Pitch (μm): 139
- ★ Limiting Resolution (lp/mm): 3.6
- ★ AD Conversion (bit): 16
- ★ Power Dissipation (W): 30
- ★ Data Interface: 2.5GigE



UMFPD-R1012F



- ★ Detector Technology: Amorphous Silicon
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 2816 × 3528
- ★ Pixel Pitch (μm): 85
- ★ AD Conversion (bit): 16
- ★ Dynamic Range (dB): >76
- ★ Chest Wall Distance (mm): ≤ 3
- ★ Trigger Mode: Outer / Software / Prep



UMFPD-R1012P



- ★ Detector Technology: CMOS
- ★ Scintillator: CsI
- ★ Active Area (inch): 10 × 12
- ★ Pixel Matrix: 4681 × 5905
- ★ Pixel Pitch (μm): 50
- ★ AD Conversion (bit): 16
- ★ Dynamic Range (dB): >73
- ★ Chest Wall Distance (mm): ≤ 3
- ★ Trigger Mode: Prep

Dry Film Printer €€

- ★ Model:UMPRINTER105
- ★ Single tray
- ★ Film size: 8"×10", 10"×12", 11"×14", 14"×17"



Ink Printer €€

- ★ Model: UMINKP001
- ★ Film size:3 × 17 , 11 × 14 , 10 × 12 , 8 × 10



Medical Dry Film €€

- ★ 8 x 10 in.(20 x 25 cm) 100 sheets/box, 5 boxes/carton
- ★ 10 x 12 in.(25 x 30 cm) 100 sheets/box, 5 boxes/carton
- ★ 11 x 14 in.(28 x 35 cm) 100 sheets/box, 5 boxes/carton
- ★ 14 x 17 in.(35 x 43 cm) 100 sheets/box, 5 boxes/carton



X-ray Dosimete €€

- ★ Model: UMX1628A



Lead Glass €€

- ★ Model: UMX1613
- ★ Lead equivalent: 1/2/3/4/5 mmpb
- ★ Size: Customized



Lead Door €€

- ★ Model: UMX1525
- ★ Lead equivalent: 1/2/3/4/5 mmpb
- ★ Size: Customized



X-ray Tube ISO

- ★ UMTUBE001
- ★ Both Chinese or Toshiba tubes are available for choice



X-ray Generator ISO

- ★ UMX-GY Series
- ★ 20kW / 32kW / 40kW / 50kW / 65kW / 80kW



X-ray Collimator ISO

- ★ UMX-XSQ Series



Lead Sheet €€

- ★ Model: UMX1536
- ★ Thickness: 1-20mm
- ★ Size: Customized



Lead Screen €€

- ★ Model: UMX1606 / UMX1608 / UMX1609
- ★ Size: Single / Double / Triple



Lead Jacket €€

- ★ Model: UMX1507
- ★ 0.35mmpB/0.5mmPb
- ★ Size: M/L/XL



Chest Stand ISO

- ★ Model: UMX1807
- ★ Manual lift



Chest Stand ISO

- ★ Model: UMX1807M
- ★ Mobile



Radiography Table ISO

- ★ UMBED102
- ★ Overall size: 2000*730*695mm
- ★ With cassette or flat panel detector holder.
- ★ Four all-direction wheels with brakes.



Lead Apron €€

- ★ Model: UMX1513
- ★ 0.35mmpB/0.5mmPb
- ★ Size: M/L/XL



Lead Collar €€

- ★ Model: UMX1516
- ★ 0.35mmpB/0.5mmPb



Lead Gloves €€

- ★ Model: UMX1521
- ★ 0.35mmpB/0.5mmPb



Auto Film Developer €€

- ★ Model: UMX1501
- ★ Chemical tank volume: 5.2l
- ★ Capacity: 80pcs/h (14*17 inch)



Film / Cassette €€

- ★ Model: UMX1619 / UMX1707
- ★ Size (inch): 5*7/8*10/10*12/11*14/12*15/14*17/17*17



Film Viewer €€

- ★ UMX-GPD Series (LED)
- ★ Single/double/triple/quadruple



Breat Protection €€

- ★ Model: UMX1529
- ★ 0.35mmpB/0.5mmPb



Lead Glasses €€

- ★ Model: UMX1603
- ★ 0.35mmpB/0.5mmPb



Protective Mask €€

- ★ Model: UMX1532
- ★ 0.1mmpB





Medical Equipments



Our core products include:

Ultrasonic laminating machines Ultrasonic slitting machines

Disposable product production equipment

(disposable bouffant cap machines, disposable shoe cover machines, disposable folding machines, automatic sanitary napkin machines, etc.),

Ultrasonic lace machines, Ultrasonic welding machines and other garment processing equipment.

These products are widely used in electronics, automotive, medical devices, garment processing, home textiles industry and other fields.

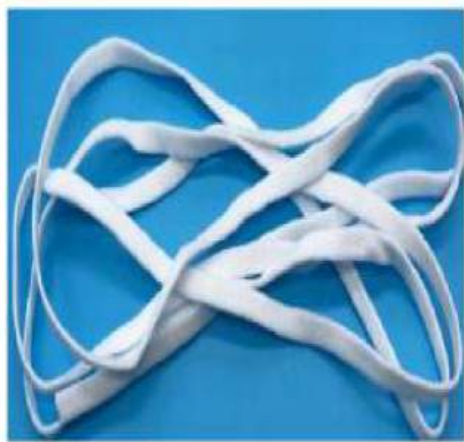
The company owns a number of patented technologies, and its products are exported to more than 30 countries and regions including Europe, America and Southeast Asia.

We are committed to providing professional services to customers worldwide.





ULTRASONIC SEWING EQUIPMENT SERIES



ULTRASONIC SEWING EQUIPMENT SERIES



Manual Non Woven Bag Machine

Single Head Ultrasonic Spot Welding
Machine

Double Head Ultrasonic Spot Welding Machine

Non Woven Bag D Punching Machine

Tape Cutting Machine

Non Woven T-shirt Bag Punching Machine

Ultrasonic Flour Bag Sewing Machine

Digital Ultrasonic Sewing Machine

100MM Ultrasonic Sewing Machine

200MM Ultrasonic Sewing Machine

300MM Ultrasonic Sewing Machine

Ultrasonic Underwear Sewing Machine

Ultrasonic Surgical Clothes Sewing Machine

Ultrasonic Tape Cutting Machine

Radial Wave Ultrasonic Sewing Machine

Ultrasonic Surgical Gown Sewing Machine



HOME TEXTILE GARMENT EQUIPMENT SERIES

HOME TEXTILE GARMENT EQUIPMENT SERIES



Ultrasonic Quilting Machine (Analog Box)

Ultrasonic Quilting Machine (Digital Box)

Ultrasonic Quilting Machine (Pneumatic)

Ultrasonic Quilting and Cutting Machine

Ultrasonic Quilting and Cold Knife
Cutting Machine

Ultrasonic Cutting Machine

Ultrasonic Bed Cutting Machine (For Thick Material)

Ultrasonic Towel Cutting Machine

Cold Knife Cutting Machine

Ultrasonic Bed Surround Hemming Embossing Machine

LABOUR PROTECTION EQUIPMENT SERIES



Nonwoven Bouffant Cap Machine

Servo Nonwoven Bouffant Cap Machine(Size Adjustable)

Nonwoven Shoe Cover and Package Machine

Plastic Shoe Cover Machine

Nonwoven Sleeve Machine

Nonwoven Arc Glove Machine

Manual Ice Silk Mask Machine

Nonwoven Pet Footcover Machine

Christmas Hat Making Machine

Ear Cover Microphone Cover Machine

Nonwoven Bouffant Cap and Package Machine

Nonwoven Shoe Cover Machine

Plastic Shower Cap /Bowl Cover Machine

Servo Plastic Bouffant Cap Machine(Size Adjustable)

Nonwoven Glove Machine

Nonwoven Shorts Machine

Nonwoven Shorts Machine

Nonwoven Beard Cover Machine

Compress and Sealing Machine

Ultrasonic Towel Tearing Machine



LABOUR PROTECTION EQUIPMENT SERIES





MEDICAL EQUIPMENT SERIES



MEDICAL EQUIPMENT SERIES



Ultrasonic Surgical Gown Sewing Machine

Nonwoven Doctor Cap Machine

Tie on Mask Machine

KF94 Fish-type Mask Machine (1+1)

KN95 Blank Mask Machine (1+1)

KN95 Edge Sealing Machine

Manual Sanitary Pad Machine

Automatic Sanitary Pad Machine

Surgical Clothes Sleeve Machine

Nonwoven Nursing Pad Machine

Face Mask Machine (1+1)

Manual KN95 Mask Machine

KN95 Earloop Welding Machine

Nonwoven Boot Cover Machine

Semi Automatic Sanitary Pad Machine

Sanitary Pad Machine (with Folding Device)



HOTEL EQUIPMENT SERIES



HOTEL EQUIPMENT SERIES



Plastic Shower Cap /Bowl Cover Machine Disposable Slipper Machine

Nonwoven Toilet Machine/Steering Wheel Cover Machine Bedsheet Folding Machine

Disposable Slipper Machine



ULTRASONIC SPARES SERIES



ULTRASONIC SPARES SERIES



Ultrasonic System

Radial Ultrasonic System

Ultrasonic Roller

Ultrasonic Roller Horn Transducer

Nonwoven Material



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