



COMPANY PROFILE

DFAIC SPECTROMETER

Factory Address: No. 28 Chuangxin Road, High-tech Zone, Yantai City,
Shandong Province



<https://en.sddygd.com>



dongfang@dfaic.com

Company Profile

At DFAIC Spectrometer, we specialize in delivering high-quality analytical solutions designed to meet the diverse needs of modern industries.

With over 25 years of expertise in spectroscopy, our team combines technical proficiency with cutting-edge innovation to provide spectrometers that are precise, reliable, and tailored to your requirements.

At DFAIC Spectrometers, we don't just offer products; we build partnerships

20000m²

Factory



180+ 

Employees (30%
R&D Employees)

50+ 

Partners

20+

Countries



Factory Display



Factory Environment

➤ **2016 moved to High-tech Zone**

Built optoelectronic industrial park and entered the core optoelectronic industry.



Production Line

➤ **7 Production Lines**

Instruments, Grating, PMT, SDD, X-ray Tube Lithium-ion Battery Materials, ICP.



R&D Department

➤ **Expert-led Team**

Focus on core technology innovation and customized spectrometer solution development



Lab Department

➤ **Professional Chemical Testing Center**

Conduct rigorous composition analysis and precision verification for products.

Qualification

We hold a comprehensive certifications. By adhering to these rigorous standards, we consistently deliver reliable, safe and eco-friendly spectrometer products and services to global customers.

ISO 9001 Quality Management Systems

ISO 14001 Environmental Management Systems

ISO 45001 Occupational Health and Safety

Management Systems

Radiation Safety Certification



Honor & Patent



Honor

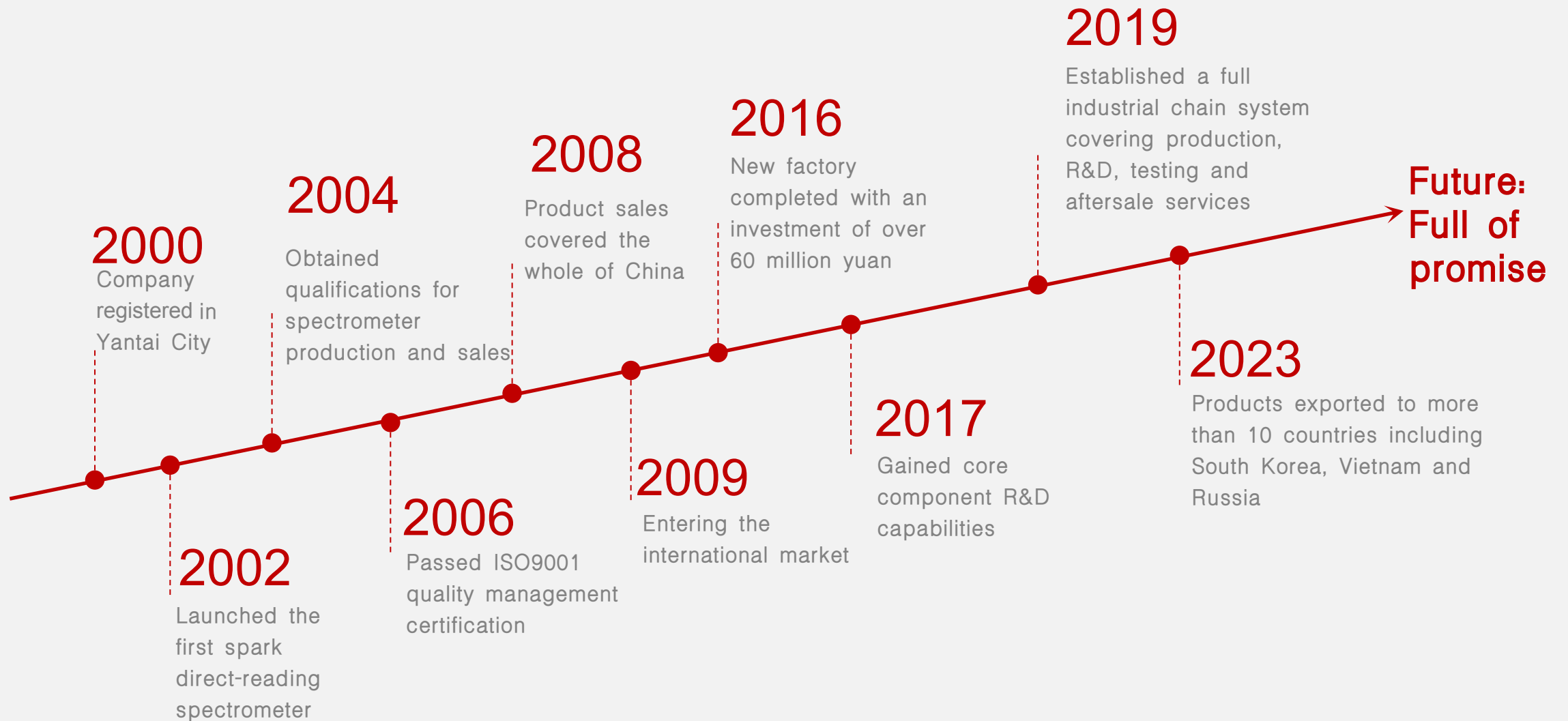
- High-Tech Enterprise
- Excellent Science and Technology Innovation Team of Yantai City
- New R&D Institution of Yantai City
- Advanced Unit of Yantai City
- Contract-Abiding and Trustworthy Enterprise of Yantai City
- Shandong Provincial Engineering Technology Research Center

Patent

- Anti-vibration Device in the Vacuum System of Spectrometer
- Automatic Sample Feeding Device of Spectrometer
- Hybrid Rowland Circle Device of Spectrometer
- Multi-channel Plasma Light Source
- Hybrid Spectrometer with CCD Spectral Signal Acquisition System
- Flat-field Full-spectrum Receiving Device of Spectrometer



Development Milestones



Partners



Main Products

Spark Direct-Reading Spectrometer

Model Number	Core Principle	Placement Method	Detector	Test Material Form	Material Applications
DF-170	OES	Floor-standing	PMT	Solid Sample	1.Metals 2.Alloy
DF-200	OES	Floor-standing	PMT		
DF-410	OES	Benchtop	CCD		
DF-660	OES	Benchtop	CCD		
DF-700	OES	Benchtop	CCD		

X-Ray Fluorescence Spectrometer

Model Number	Core Principle	Placement Method	Detector	Test Material Form	Material Applications
DF-1000E	FS	Floor-standing	SDD	Solid /Powder Sample	1.Metals 2.Alloy 3.Non-Metallic Mineral
DF-1000	FS	Floor-standing	SDD		
DF-1500	FS	Floor-standing	SDD		
DF-1600	FS	Floor-standing	SDD		
DF-1800	FS	Floor-standing	SDD		



Hand-Held XRF Spectrometer

Model Number	Core Principle	Detector	Element Range	Test Material Form	Material Applications
DF2000A	FS	SDD	Mg-U	Solid Sample	1.Alloy
DF2000B	FS	Si-Pin	Ti-U		



Main Products

ICP Spectrometer

Model Number	Core Principle	Detector	Test Material Form	Material Applications
ICP-750	OES	CCD	Solid /Powder /Liquid Sample	1.Metals 2.Alloy 3.Non-Metallic Mineral 4.Biological and Organic
ICP-MS100	MS	EM		5.Water Samples 6.Oil Products 7.Soil Samples



LIBS

Model Number	Core Principle	Placement Method	Test Material Form	Material Applications
DF-900	Laser	Hand-Held	Solid Sample	1.Alloy

Applications

Spark Direct-reading Spectrometer



Metallurgy Casting



Metal Processing



Automotive Manufacturing



Metal Recycling Casting



Inspection Centers

X-Ray Fluorescence Spectrometer



Glass Industry



Cement Plant



Refractory Materials



Ore Mining



Ceramic Industry



Automotive Parts Manufacturing

ICP Spectrometer



Petrochemical Industry



Metallurgy Casting



Geological Exploration



Environmental Testing



Medical Testing



Agricultural & Food Industry

Product Display

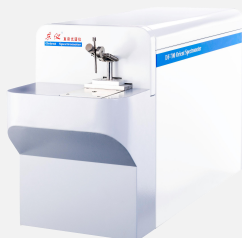
Direct-Reading Spectrometer



DF170



DF200



DF700



DF410



DF660

X-Ray Fluorescence Spectrometer



DF1000E



DF1000



DF1500



DF1600



DF1800

Hand-Held XRF



DF2000

ICP Spectrometer



ICP-750



ICP-MS100

LIBS

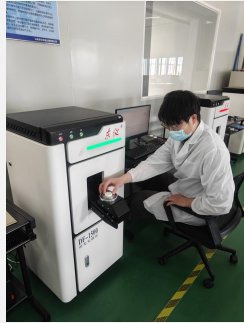


DF900

One Stop Service

1 Tailored Procurement Plans

Flexible product selection to meet your specific testing needs.



2 Supporting Relevant Equipments

Carbon-Sulfur Analyzer



Grinding Machine



Power Supply



Pressing Machine



3 Safe & Protective Packaging

Shockproof protection for secure worldwide shipping.



4 On-Site Installation & Training

Hands-on training for operation, maintenance, and data analysis.

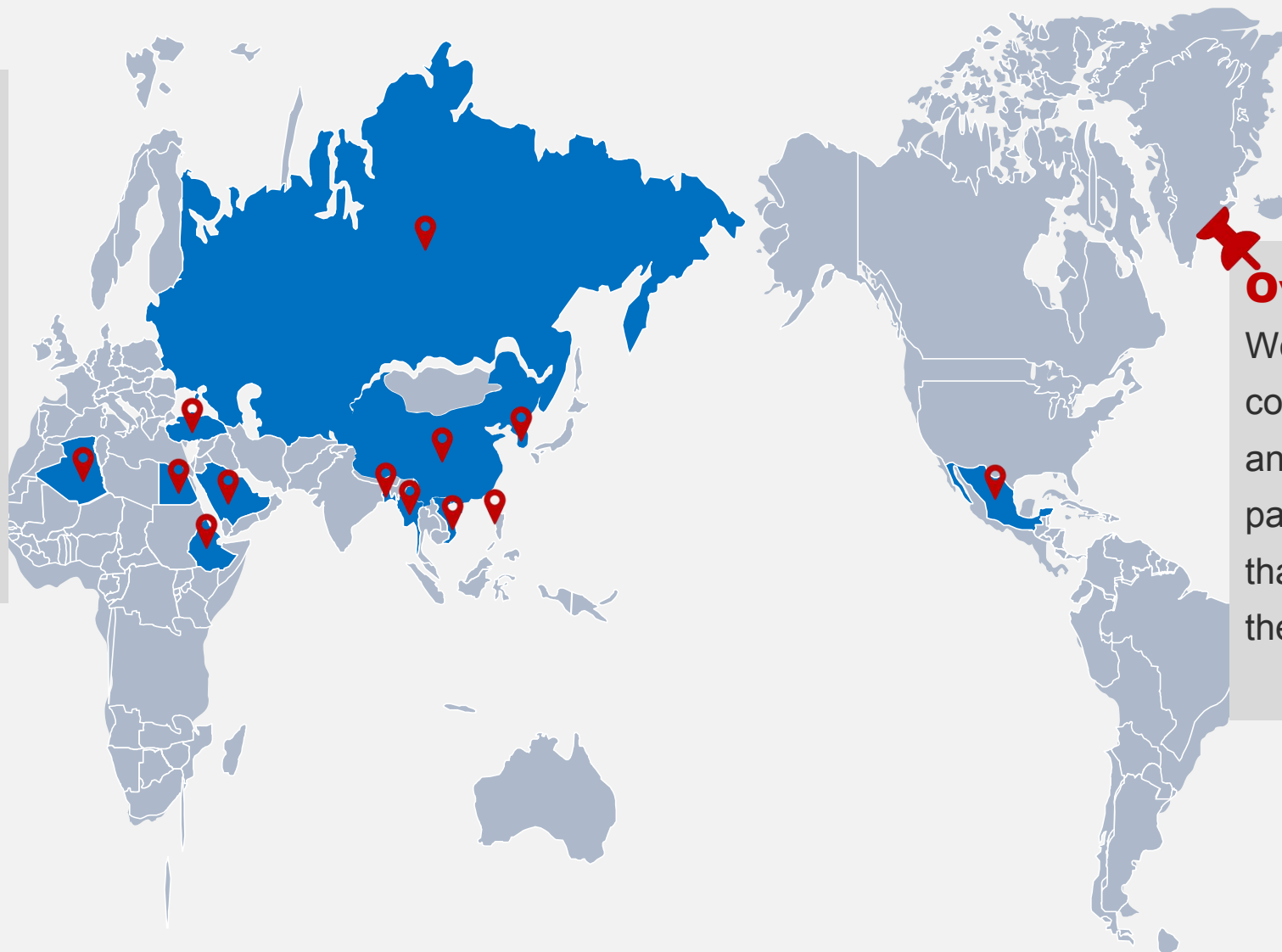


Globalization Development



Domestic Market

Our business footprint spans across the entire China, with ten major marketing and service systems established nationwide, along with over 40 service outlets.



Overseas Market

We initiated overseas cooperation back in 2008, and have since built partnerships with more than 20 countries around the world.



Mature Production Capacity

We boast advanced production lines, strict quality control systems and rich manufacturing experience to ensure stable supply of high-performance products.



Strong Technical Support

Our R&D team is dedicated to spectrometer technology innovation, providing customized solutions for different industries.



After-Sales Support

We provide timely on-site and remote technical support for overseas clients, with a professional service team ready to resolve any issues efficiently.

We are sincerely recruiting global distributors to establish long-term and stable cooperative relations, and work together to expand the global market.



Join US!

Global Distribution Network

Grow Globally, Succeed Together.



WIN-WIN

Contact Information

Contact Person: Tracy

Job Title: Overseas Sales Manager

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Wechat



Whats app