

# Bring Science and Technology to Healthcare



CT single cylinder high pressure syringe

ASA-200E

Product Proposal



## I. ANKE Company Profile



Founded in 1986, Shenzhen ANKE High-tech Co., Ltd., referred to as ANKE, is headquartered in Shekou, Shenzhen, with a registered capital of RMB 100 million Yuan.

As one of the earliest high-tech enterprises in China, ANKE is not only one of the top 100 high-tech enterprises, but also is a backbone enterprise in China's medical equipment industry and the national MRI product industrialization base. In 1989, China's first permanent MRI system was born in ANKE; the company has been expanding for over two decades, becoming China's leading high-tech enterprise with comprehensive R&D ability and production capacity in large scale medical equipment, and also with strong technical strength and development capabilities in electronics, computer hardware and software, mechatronics, biomedical engineering and information engineering, etc. ANKE is China's first national enterprise-based post-doctoral workstation authorized by Chinese Ministry of Personnel, and the supporting organization of Shenzhen Modern Medical Imaging Engineering Research and Development Center.

ANKE is mainly engaged in the service of high-end medical equipment, such as medical



imaging, medical information, medical electronics and clinical treatment equipment, including MR, CT, PACS, DR, neurosurgical navigation equipment and therapy equipment. All products, with high brand popularity and market share in both domestic, taking up 27.5%, and international market, have reached the international advanced level. ANKE has developed a series of “first” in Chinese medical device industry since its establishment in 1986, filling a number of gaps between the countries and making outstanding contributions to the public healthcare.

ANKE is first demonstration brand of quality system certifications in Chinese medical device industry. “Quality is the life of enterprise”. Over the two decades, ANKE has established a set of scientific decision-making, production and operation management system. In 1996, ANKE set up a quality assurance system in accordance with ISO9001 and ISO13485 international standards and was granted the dual certifications of German TUV Company and China Quality Certification Center for Medical Devices, becoming China's first medical device enterprise that gets both the certification from domestic and foreign authorities. ANKE is China's first enterprise to get CE mark for MRI, mammography system and high-pressure injector.

ANKE pursuits high efficient service strategy and has set 8 regional offices and 15 service stations throughout the country, with a complete sales and service system. Currently, ANKE has direct users from more than 3,000 hospitals in the domestic medical and healthcare sectors. ANKE has a professional and experienced service team, they provide users regular service visit all year round and promise to dispatch engineers for site maintenance within 24 hours after receiving request. The first-class after-sale service wins trust and praise from users, setting up ANKE reputation in the national healthcare industry; ANKE ranks top in the comparison of user’s satisfaction to both Chinese and oversea suppliers, which is organized by the Ministry of Health in the country.

With the talent concept of “Respect Care Understanding Trust”, ANKE builds an outstanding and efficient management team with excellent staff. Till December 2013, the Company has 416 employees, including 24% of masters and doctors (including students back from overseas studies), 62% undergraduate and 14% of others. The excellent R&D and production team ensures ANKE’s developing and manufacturing of large scale medical equipment. 71% of the company's employees directly serve the technical development and marketing, which fully reflects the features of high-tech enterprise talent distribution and is also the dynamic of the company's rapid development.



In the past 30 years, ANKE has a good interpretation of the legendary in Chinese medical device industry by sticking to technological innovation, pursuit of perfect production and installation, as well as high efficient after-sales service. Based on the enterprise culture of “Pioneering, Innovation, Pragmatism and Trustworthy” and the business philosophy of “Bring Science and Technology to Healthcare”, ANKE is always striving to forge ahead, and promises that it will provide high quality products and high efficient services to hospitals worldwide and make greater contribution to the progress of human healthcare.

## II.Product quality certification

ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

**C E R T I F I C A T E**

No. Q1N 15 01 43041 019

**Holder of Certificate:** Shenzhen Anke High-tech Co., Ltd.  
26 Yanshan Road, Shekou  
518067 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Facility(ies):** Shenzhen Anke High-tech Co., Ltd.  
26 Yanshan Road, Shekou, 518067 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:** 

**Scope of Certificate:** Design, Development, Production, Sales, Installation and Servicing of Magnetic Resonance Imaging System, Multi-Parameter Patient Monitor, CT Enhancement Injector, Surgical Navigation System, Color Doppler Ultrasound Diagnostic System, Anke PACS/RIS System, X-ray Computed Tomography System, Ultrasound Imaging System with PACS, X-ray Mammography System, Digital Radiography System, Dental Cone Beam Computed Tomography System, Digital Mammography System.

**Applied Standard(s):** EN ISO 13485:2012 + AC:2012  
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO 13485:2003 + Cor. 1:2009)  
DIN EN ISO 13485:2012

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). See also notes overleaf.

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**Date:** 2015-03-20  
  
Hens-Heimer Junker

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 TÜV SÜD

TÜV SÜD Product Service GmbH - Zertifizierstelle - Ridlerstraße 65 - 80339 München - Germany

### III. Introduction of ANKE ASA-2000E System



1. New structure, lightweight
2. Suitable for adult CT enhancement, CT enhancement and angiography in children
3. Staged injection to ensure CT enhancement
4. A variety of input and output methods, can be linked with various CT models;
5. 150cm joint tube, which can be continuously injected during the scanning process;
6. Disposable syringes, reliable quality, low price, can greatly reduce the cost of angiography.

1. New control platform, convenient and flexible
2. Set 100 sets of storable injection programs, which can be called and modified at any time.
3. The double operation working platform makes the scanning room and the operation room integrated;
4. "Exhaust confirmation" button to ensure enhanced injection;
5. Interrupt the injection function to handle emergency situations flexibly;



## ASA-200E high pressure syringe technical parameters

No.:	Technical features	Descriptions
1	Injection Speed Rate	0.1-10ml/s, step 0.1ml
2	Preset Pressure Limit	100、150、200、250、300
3	Time Interval	0-600
4	Scan Delay	0-600
5	Injection Change Capacity	8
6	Memory Injection Program	100 sets
7	CT linkage interface	Star, Ready and Inject signals
8	Power Supply	220VAC
9	Display method	LCD
10	Exhaust confirmation function	Provide
11	Visual interface touch screen control	Provide
12	Test injection	Provide
13	Pressure alarm function	Provide



## ASA-200E High Pressure Syringe Configuration

No.	Component	Quantities
1	Injection head and connecting cable	1
2	Syringe (including connecting tube, puncture needle)	10
3	Electric control box	1
4	Touch screen	1
5	Support frame	1
6	Power cable	1
7	Touch screen connection cable	1
8	CT synchronization cable	1
9	User Manual	1
10	Supporting documents (certificate, packing list, acceptance card)	1