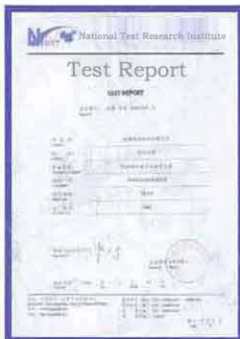




• Profile of Research Institute

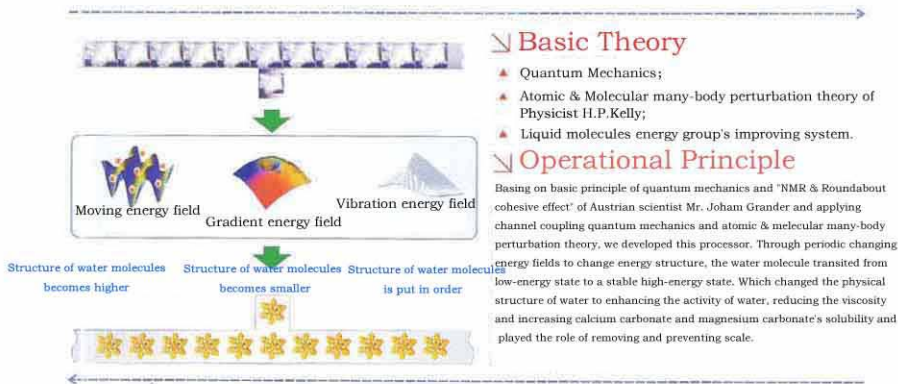
Chengdu Amoeba Magnetic Co., Ltd is a professional high-tech enterprise engaged in research and application of magnetic. Our institute have strong technical force, advanced testing equipment, scientific testing process, perfect quality control and after service system. We have developed dozens of high-tech magnetic environmental protection products, NMR water treatment equipments.

In 2003, we won the third prize of scientific and technological progress in Sichuan Province and was listed in National Spark Plan. Cooperating with national experts, our institute developed NMR Descaling Processor which have special design, advanced technology, protecting environment, saving energy and strong performance. The processor reached international advanced level and asked for national patent and won more than 400 customers' praise.



▲ Report of Energy Product

Basic Principle of the Equipment



Basic Theory

- ▲ Quantum Mechanics;
- ▲ Atomic & Molecular many-body perturbation theory of Physicist H.P. Kelly;
- ▲ Liquid molecules energy group's improving system.

Operational Principle

Based on basic principle of quantum mechanics and "NMR & Roundabout cohesive effect" of Austrian scientist Mr. Joham Grandner and applying channel coupling quantum mechanics and atomic & molecular many-body perturbation theory, we developed this processor. Through periodic changing energy fields to change energy structure, the water molecule transited from low-energy state to a stable high-energy state. Which changed the physical structure of water to enhancing the activity of water, reducing the viscosity and increasing calcium carbonate and magnesium carbonate's solubility and played the role of removing and preventing scale.

Technical Features

- ▲ Cohesive magnetic field and strong magnetic field
- ▲ Perturbation of magnetic field to resonance
- ▲ Magnetizing inner rotation liquid
- ▲ Shielding magnetic field to protect health



Advantage of the processor

1、Advanced technology

The product with special design and advanced technology solves water treatment's problem and bring customer high economic and social benefits.

2、Saving energy

Do not need any power by using rare earth.

3、Saving water resource

The processor do not using cleaning media and can realize zero release to save water resource

4、Durable and low-cost

Working life is more than 10 years.

5、Maintenance easily

Maintain only one time per year and operating easily.

6、Protecting environment

The water quality have been treated do not have any change and avoid pollution by chemical.

7、Wide range

Applied in any water system



Basic Parameters



Model	Tube Diameter (mm)	Treating Volume T/h	Working Pressure MPa	Shape & Size		Style	
				Φ	L(h)		
HC-J15	15	0.6	0.2	70	460	Straight	USD178
HC-g20	20	0.6	0.2	80	460	Straight	USD185
HC-g25	25	1.2	0.2	240	480	Straight	USD570
HC-g40	40	3.5	0.2	270	500	Cylinder	USD1495
HIC-g50	50	5	0.2	280	520	Cylinder	USD1995
HC-g65	65	12	0.4	320	500	Cylinder	USD2997
HC-g80	80	22	0.4	510	1000	Standing	USD4385
HC-g100	100	40	0.4	510	1060	Standing	USD6397
HC-g150	150	80	0.5	580	1160	Standing	USD10468
HC-g200	200	100	0.5	630	1180	Standing	USD13645
HC-g250	250	200	0.5	630	1250	Standing	
HC-g300	300	300	0.6	740	1400	Standing	
Hc-g350	350	400	0.6	740	1480	Standing	
HC-g400	400	600	0.6	870	1500	Standing	

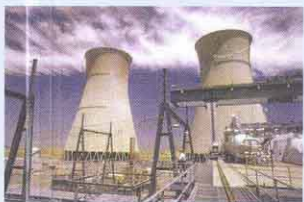
Technical requirements: A. The work magnetic field of processor must be more than 11000Gs
 B. Water and environmental temperature must be less than 70°C.
 C. It can assemble the processor on the tap water, but it should move the impurity from the river water, well water and industrial water by pretreatment. D. If the pipe diameter is more than 400mm or there are special requirements, it should redesign the pipe diameter and temperature.

Comparison between NMR water processor and other magnetic equipments

Other equipment	NMR water processor
The magnetic field of other equipment sales in the market is not more than 6000Gs and do not have roundabout cohesion.	The magnetic field is more than 11000 Gs and have roundabout cohesion.
Assemble magnet on the outer equipment which caused central water's treating decreasing.	Using roundabout cohesion and highly agglutinative magnetic and under the ultra-high energy field's action, the water flowed through the equipment will be 100% treated.
Magnetic material in the water cause the magnetic field short circuit and lose effect of device.	Special pretreatment can solute the magnetic material in the water easily and avoid short circuit
Can not need the requirement of large diameter pipeline.	Using unique technology, the equipment can apply in large diameter pipeline.
Strong magnetic field on the face will cause magnetic pollution.	Advanced magnetic shielding technology avoid pollution.



Application range



NMR water processor's working range

- ▶ Metallurgical industry, petroleum and chemical industry, printing and dyeing industry, power industry, refrigeration industry, cooling & heating system, Turbine industry, medicine industry, agriculture industry, animal husbandry, aquaculture species, brewing industry, green food industry, restaurants, Food & Beverage industry, daily life etc.

NMR water processor's application

▶ Central air-condition

Because there are many pipes in air-condition and complicated structure, once the pipe scaled, it will reduce the treatment even air-condition paralysis. And using chemical to clean the scale will easily cause pollution and which still will increase cost.

▶ Industrial circulating cooling water system

Normally, using scale inhibitor will cause pollution and waste more water to meet environmental requirements which will increase water treatment's cost too.

▶ Boiler

When the boiler scaled, it will affect the heat transmission to cause water temperature unqualified which cause water resource and cost waste. And, it will short boiler's work life, even incident.



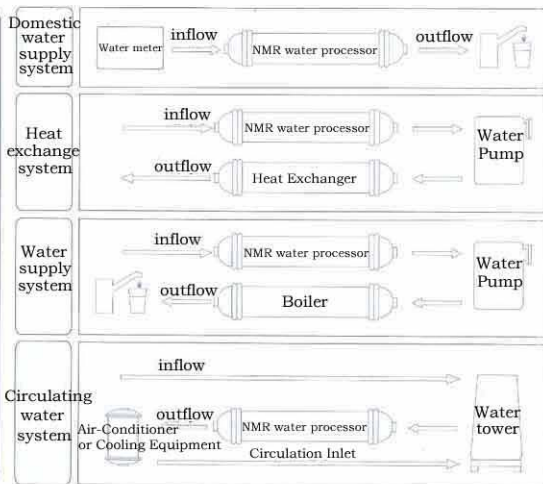
Part of the user directory

Customer Name	Item
JiuzhaiTiantang	Boiler
Chengdu Enwei Pharmaceutical Group	Boiler
Chengdu Medicine Collage	Boiler
Chengdu Xihua University	Boiler
Shuangliu Internation Airport	Central Air-Condition
	Heat Water Boiler
	Electrical Heating Stove

Customer Name	Item
Kaibingshiji Restaurant	Boiler
Wenxing Food & Beverage Co., Ltd	Heat Water Boiler
Chengdu Daronghe Food & Beverage Co., Ltd	Heat Water Boiler
Chengdu Yinhe Power Co., Ltd	Boiler
Chengdu Construction Machinery Co., Ltd	Industrial circulating cooling water system
Sichuan Meifeng Group	Industrial circulating cooling water system
Sichuan Hongda Co., Ltd	Industrial circulating cooling water system

User Manual







1. Users can use common tools to assemble.
2. Assemble the processor connecting with inlet pipe and close to the main equipment as soon as possible.
3. The processor should assemble on the this place which should be dry, well ventilated, less sandy, watch easily, maintain easily and the temperature should be not more than 70°C.
4. Should filter the suspended solids in the water entering into the equipment.





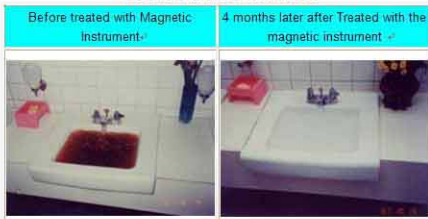
产品展示 Product Exhibition

Magnetic Water (Effect of Industry)

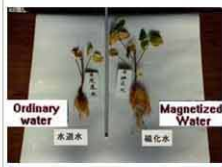
Tap water	Magnetic water	Description
		The magnetic water instrument was setting by Recycling Water line on Building Air-conditioner system. There is water with rust in the water pipe before setting the magnetic water instrument, and the water begin to be clear 10 days after setting. There is rust precipitation in the water before treated with the instrument. And The there is no rust after treatment, which indicate that the effect is very good for the application of magnetic water for building.
		Dissolution of incrustation in the water pipe, with the magnetic water, the incrustation is dissolved and flowing out, which is the result of ionization promotion By magnetic water instrument
		In application for Boilers, the contrast for chemical reagent for scale removal and magnetic water. The right part in the photo is for magnetic water instrument, this test last for one year. The effect of magnetic water is much better than the chemical reagent.

Magnetic water (home application)

The effect for the water with rust



from the following photo, the magnetic water could promote the growth of the flower and plant due to its purification and sterilization





Test Report

Laboratory: National Test Research Institute

Test Content: Descaling, Scale prevention and Energy saving datas of NMR Descaling Processor

National Test Research Institute

Test Report

试验报告

试验名称: 除垢试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR除垢处理器

试验结果: 除垢率: 95%

试验结论: 该处理器除垢效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-001

National Test Research Institute

Test Report

试验报告

试验名称: 防腐试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR防腐处理器

试验结果: 防腐率: 98%

试验结论: 该处理器防腐效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-002

National Test Research Institute

Test Report

试验报告

试验名称: 节能试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR节能处理器

试验结果: 节能率: 92%

试验结论: 该处理器节能效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-003

Descaling Test Report Scale Prevention Report Saving Energy Report

试验报告

试验名称: 除垢试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR除垢处理器

试验次数	除垢率 (%)	能耗 (kWh)
1	95	0.5
2	95	0.5
3	95	0.5
4	95	0.5
5	95	0.5
6	95	0.5
7	95	0.5
8	95	0.5
9	95	0.5
10	95	0.5

试验结论: 该处理器除垢效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-001

试验报告

试验名称: 防腐试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR防腐处理器

试验次数	防腐率 (%)	能耗 (kWh)
1	98	0.5
2	98	0.5
3	98	0.5
4	98	0.5
5	98	0.5
6	98	0.5
7	98	0.5
8	98	0.5
9	98	0.5
10	98	0.5

试验结论: 该处理器防腐效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-002

试验报告

试验名称: 节能试验

试验日期: 2011.11.11

试验地点: 国家测试研究院

试验人员: 王... 李... 张...

试验设备: NMR节能处理器

试验次数	节能率 (%)	能耗 (kWh)
1	92	0.5
2	92	0.5
3	92	0.5
4	92	0.5
5	92	0.5
6	92	0.5
7	92	0.5
8	92	0.5
9	92	0.5
10	92	0.5

试验结论: 该处理器节能效果显著, 且能耗低, 符合节能环保要求。

试验单位: 国家测试研究院

试验报告编号: NTRI-2011-11-11-003