



ЖКmatic

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Controller

Multi-Valve system

**MANUFACTURER OF FILTRATION
AND SOFTENING EQUIPMENT WITH ADVANCED
AND PROPRIETARY TECHNOLOGY**

Diaphragm Valve

Disc Filter

JkMatic

Since 1994...

1994
First company to introduce automatic control valve technology into China

1995
Jointly developed filter sponge iron deaerator with Wuhan University

1996
First company to introduce FRP tank production line and put into operation in China.

1997
First company to introduce disc filter system into China

1998
First company to introduce the world's most advanced hydraulic control

2000-2003
First company independently developed disc filter and multi-valve controller and put it into production in China.

2005
First-generation multi-valve system was successfully developed and put on the market.

2006-2009
Joint venture Pentair Jieming Water Treatment Company established with American Pentair Company

2010
First company independently developed automatic multi-valve technology with no power supply; innovation and upgrading of disc filter.

2012-2013
Expanded diaphragm valve into 8 series and dozens of specifications in a wider range of water treatment applications, and successfully developed disc filter suitable for seawater desalination pretreatment.

2014-2015
Cooperated with dozens of international companies, products were entered the international market, Facilities of Industrial Boilers and domestically established strategic partnership with many well-known agricultural and irrigation enterprises.

2016-2017
Cooperated with dozens of domestic engineering companies to serve a number of "Belt and Road" projects; developed, researched and experiment counter-current regeneration full-bed equipment.

2018-2019
2018/2019 Participated in drafting both standards of Water Quality of Industrial Boilers GB/T1576-2018 and Operation Effect and Testing of Water Treatment Facilities of Industrial Boilers GB/T16811-2018; cooperated with China Urban Heating Association to successfully use counter-current regeneration full-bed equipment for heating companies.

2020
AGMA-JK Russia branch company established.

2021
Kangjie service company established.

Responsibility

For the public good, the public is all colleagues, friends, enterprises, and society except ourselves. Let's unite as one for mutual development.

Integrity

A foundation for team cooperation, social happiness, friendship, mutual trust, and establishment of low consumption and efficiency operation.

Purpose

A spirit of perseverance and diligence, preconditions for progress, success, overcoming difficulties, correcting mistakes and solving problems.

Principle

A tenet of self behaviour, remain self discipline, obeying rules, laws and policies. It is a key factor for long-term development.



Excelsior in casting model quality



Special equipment



Strive for excellence



Pipeline production equipment



Water pressure test



Injection molding workshop



Craftsmanship spirit



Disc filter assembling



Molding workshop



Laboratory



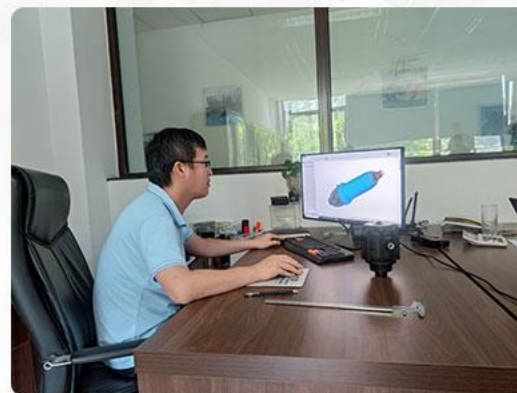
Technology explore



Controller test



Watersoftening process lab



Senior product design engineer



Professional Technician

Survive by quality and develop by integrity





Temperature: 4-50
 Control mode: air or water
 Designed pressure: 0.1-1.0MPa
 Working pressure: 0.1-0.8MPa
 Bursting pressure: ≥ 3.2 MPa
 Fatigue test $\geq 100,000$ cycles
 Material: reinforced PA,PP, NORYL

Y-pattern structure design permits high flow with low pressure drop.

Dual chamber provides independent control, flexibility and reliability.

Independent flow chamber separates media from control fluid.

Rubber diaphragm sheet and Valve body are made of Special material, anti-corrosion, anti-fatigue and long service life.

Multi-valve control system

Flexible selection of various processes.

Various process options of counter-current softening, co-current softening, sand filtration, carbon filtration etc.

Fully automatic , simple operation

Special designed Controller for softening system, easy to learn, save training cost



Simple after-sales service and low maintenance cost

Control part separate from the system, No need for professional engineer or return to the factory for maintenance when the system fails, only need to replace the corresponding accessories.

wide applications, large water flow

Select valve sizes to achieve different water flow

Industrial, commercial
and civil water treatment

Printing & dyeing

Heating system

Paper making

Textile

Mining

Irrigation

Livestock breeding

Water purification

Desalination



Automatic Disc Filter

Design standards

pH value: 4-14

Temperature: 4-50°C

Inlet pressure: 0.1-0.8MPa

Structure & material

disc: PP Sealing : NBR*/EPDM

filter housing:

Glass fiber reinforced polyamide

Piping:

HDPE/SS304/Carbon steel anti-corrosion



The only existed Non-Spring disc filter

Unique 5um and 10um filtration degree

Each unit has independent intake/exhaust valve to ensure best backwash effect

Centrifugal tangential water inlet to improve filtration effect

- Industrial, commercial and civil water treatment
- Printing & dyeing
- Heating system
- Paper making
- Textile
- Mining
- Irrigation
- Livestock breeding
- Water purification
- Desalination

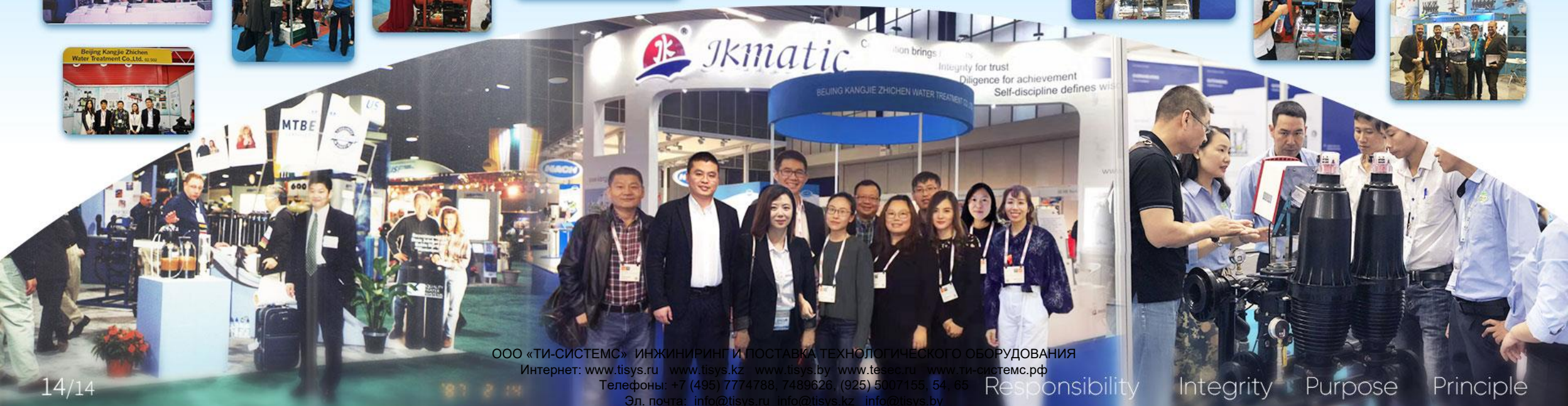




Invention Patent **10+** Utility model patent **100+**







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Responsibility Integrity Purpose Principle

THANK YOU

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