

PRESENTATION (2020)

Suzhou Desisen Electronics Co.,Ltd
Suzhou Desisen Intelligent Technology Co.,Ltd
Shanghai Disense Inspection Equipment Co.,Ltd





C o n t e n t

一

Company Profile

二

Product Introduction

三

Success Case

四

After-sales Service



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- ✓ The company ,headquartered in Suzhou,Jiangsu Province, is dedicated to non destructive testing (NDT)and optical screening machine with 89 employees and its turnover of over US\$10 millions.
 - ✓ Suzhou DISENSE Electronics Co.,Ltd, Suzhou DISENSE Intelligent technology Co.,Ltd and Shanghai DISENSE Inspection Equipment Co.,Ltd are established due to business development and industry deployment.
 - ✓ We are now the leading pioneer of NDT and optical detection solution provider with over 20 years history.
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Company profile



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- ✓ We are China top manufacturer of eddy current detection, ultrasonic detection and optical detection equipment for all kind of tube, pipe, bar, wire, metal parts, auto parts with desktop or portable type design or automatic detection equipment.
 - ✓ Our core value is to supply high precision equipment, reliable detection solution, process and surpass the customer expectation of high quality control.
 - ✓ The equipment is applied widely on industries of electricity, aerospace, metallurgy, machinery, particularly we enjoy a leading position for tube, bars, wires and auto parts detection sectors in China and overseas
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Company profile





Company profile



- Suzhou NDT association member
- Ningbo metal hose association member
- Awarded with title "famous brand of vortex device industry"
- Awarded with title "famous brand of electronics industry" by China electronics industry union
- Awarded with certificate of ISO quality system & environment management system
- "Oil nozzle testing device" awarded patent by China IPO
- "Automatic detection equipment of casting workpiece" awarded patent by China IPO
- "Brake disc NDT detection equipment" awarded patent by China IPO



Product Introduction



DK60 digital metal conductivity meter

- It aimed to detect and measure the conductivity value of non-ferrous metal materials or its alloys (such as silver, copper, aluminum, magnesium, titanium, austenitic carbon steel and relative alloys etc)



FET-99 digital eddy current detector

- It aimed for on-line and off-line detection of metal parts, auto parts and other mechanical parts. it used to identify axial flaw like invisible seam, cracks and visible cracks etc.



SWT-604 Full automatic eddy current machine

- It is automatic feeding and sorting machine to detect flaw & crack of inner, outer and terminal side for metal parts with various mode of admin and operation



ZGF-III Sorter

- Apply for detection like forgings, castings, pipes, plates, axles, wheels, tubes, gears, bearings, pins and fasteners ...

To be customized

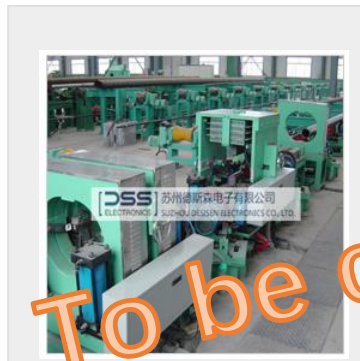


Product Introduction



Seamless steel tube
automatic detector

- Apply for seamless pipe NDT Industries of. electricity, nuclear, metallurgy, automobile, aerospace, boiler, liquid and gas transmission etc



FET-HY tubes & bars
automatic detector

- Apply for tube, bar and pipe NDT Industries of electricity, nuclear, metallurgy, oil, automobile, aerospace, boiler, liquid and gas transmission etc



SWT-632 Integrated eddy
current detector

- It is a full-automatic eddy current detection for external surface cracks of cylindrical metal parts and its hardness separation, it is 100% full detection for cylindrical metal parts.



SWT-662 full-automatic eddy
current detector (dual-
channel)

- It is a idea detector and separator for small & short tiny metal rods (like roller needle, tungsten rod, and pins)with stable and reliable performance





Product Introduction



DNT-ED-OO shaped
semi-automatic cylinder
liner detection

- It is a advanced digital eddy current detector which combined with PLC technology, analog electronic technology, digital electronic technology and sensor technology to detect crack, air vent and trachoma of cylinder liner and other semi-automatic detection,
- Apply for NDT of various metal pipe ,bar, wires,pin and irregular work-piece



SWT-602 Bearing
roller detection
machine

- It is fully automatic inspection machine that adopts large-scale imported integrated circuit, combines advanced eddy current technology, microcomputer control and dedicated mechanical transmission device to create a complete electro-mechanical detection system, it is the first full-automatic bearing roller flaw detection machine in China.
- Apply for cracks of bearing rollers occurred during quenching and grinding of raw material.



SWT-618 automatic
eddy current detection

- It features powerful function,high automatic,simple and intelligent operation, can instantly detect and distinguish various defect with beautiful figure, reasonable and compact structure
- Applying for tapered roller,auto parts,pin,symmetric parts of axle and others irregular figures.



STY-2 dual-Line four-
channel automatic
detector

- the operation principle to identify the inner cracks and hardness due to difference of current value which tested by magnetic field between same specification with different dimension workpiece
- Apply for NDT of various metal pipe,bar,wire,pin,auto parts and others irregular parts.

To be customized



Product Introduction



Probes and accessories

- ❑ Preferable design and structure of probe can enhance the flaw signal identification over normal probe.



HY-30 digital ultrasonic detector

- ❑ Inner defect (like crack, mixture, blister) can be detected, located, evaluated and diagnosed with original imported mainboard, the detectors can have a over 8 hours instant operation time. data can be saved automatically once powered off.



FET-99 Intelligent digital eddy current detector

- ❑ It adopts full digital design and apply for flaw detection of different metal parts, tube, wire and bar.



FET-9HS eddy portable current detector

- ❑ The inner wall of the tube, drill plate, bearing ring, pipe and mechanical part, hole shaped billet, square billet and round billet etc can be detected with portable & flexible feature for offline application, It enjoy high sensitivity for detection of hairline, delamination, transverse flaw, invisible seam, open cracks and some axial flaw.



Product Introduction

To be customized



Indexing disc optical
detection machine

- It mainly aimed for detection of dimension, size, thread gap, cap height & thickness, outer hexagonal size, edges distance, diameter, plug hole, mixture, process missing and thread defects of fastners and metallurgy product.
- Application: Inspection of appearance defect and dimension of all small workpiece which can be hung



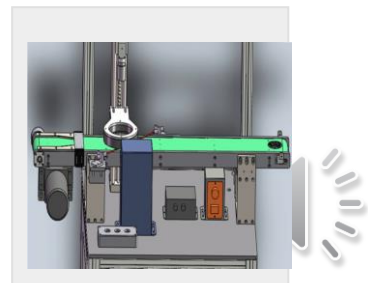
Conveyor optical
detection machine

- It mainly aimed for detection of dimension, size, thread gap, cap height & thickness, outer hexagon size, edges distance, diameter, plug hole, mixture, process missing and thread defects of fastners and metallurgy product,
- Application: Inspection of appearance defect and dimension of all small workpiece which can not stand still or be hung



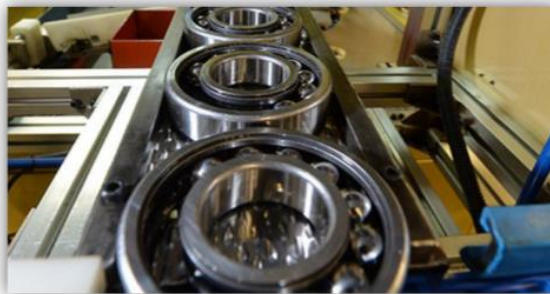
Glass Disc type optical
detection machine

- It mainly aimed for detection of dimension, size, thread gap, cap height & thickness, outer hexagon size, edges distance, diameter, thickness, plug hole, mixture ,process missing and thread defects of fastners and metallurgy product,
- Application: Inspection of appearance defect and dimension of all small workpiece which can stand still.





Success Case



德国舍弗勒（太仓）钢丝检测

- **Enterprise** : Schaeffler Group
- **Background**: Schaeffler is global leading manufacturer for rolling bearing, needle bearing, steel wire ,linear driven products and concentrate on precision parts of gearbox and transmission system for automobile(such as shift fork, synchronizer ring, clutch, rolling needle and plastic injection products. It enjoys high reputation for automobile and related industries home and aboard.
- **Cooperation** : since 2012





Success Case



- **Enterprise:** Chassis Brakes(Dalian) Co.,Ltd
- **Background:** it is dedicated to manufacturing and selling for auto chassis braking system along with relative service, the product is widely used for General Motors(US), Ford, Chrysler, Honda, Nissan, Misubishi, Mazda, Deawoo as well as others luxury car with its parts supply like Fiat, Renault ,Delphi,etc. total over 30 auto makers and related sectors around the world.
- **Cooperation:** since 2017



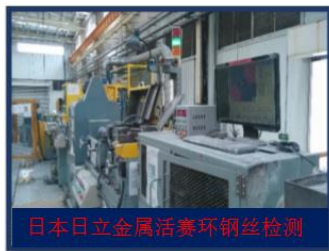


- **Enterprise:** Fujiwa Machinery Industry (Kunshan) Co., Ltd
- **Background:** it engaged with auto parts manufacture including casting parts covering structure parts and transmission parts of heavy-duty trucks. Main products covered for engine and its accessories, decelerator and its accessories, brake disc, drum, shoe and brake pad as well as other related parts (slack adjuster, braking anchor and pipe) and accessories.
- **Cooperation:** since 2010





Success Case



日本日立金属活塞环钢丝检测



苏州日立钢丝检测

- **Enterprise:** Hitachi Metals
- **Background:** it engaged with laminated & isolator of antenna switch module and electronics, piston ring material, target material, magnet, valve & its hose, railway cables, medical wires, auto parts, etc.
- **Cooperation:** since 2011





Success Case

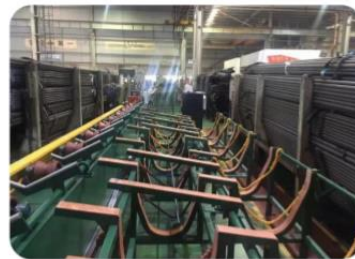


- **Enterprise:** Bao Steel Co.,Ltd
- **Background:** it concentrates on high class steel product widely used for automobile, ship, oil & gas process , transmission, home appliance, electricity, boilers, pressure containers and food & beverage of package sectors, Bao Steel is the key steel supplier in China and exported overs 40 oversea countries like Japan, Korea, Europe and USA etc.
- **Cooperation:** since Feb.2011





Success Case

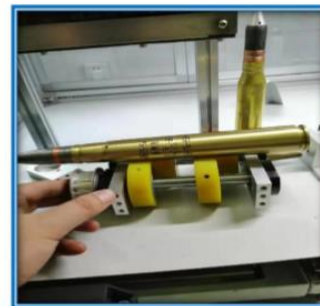


- **Enterprise:** Guangzhou ShengXu Auto parts Co.,Ltd
- **Background:** it concentrates on high quality cold drawing steel pipe manufacture and sales covering automobile parts (auto gearbox, brake disc) power steering system, balancing rod device, steering box, shock absorber, shockproof rubber mat and automobile chair.
- **Cooperation:** since 2019





Success Case



Partner: China xxx naval university (military secret)

Background: it is one of the earliest army officer academy in China

Cooperation: since Feb 2017





滚子自动检测设备



滚子自动检测设备



- **Enterprise:** Harp Bearings (Ukraine)
- **Background:** it is the biggest bearings manufacturer in CIS countries and the exclusive company which supply bearing rollers of railway driven vehicles in Ukraine
- **Cooperation:** since 2018





Success Case



安钢集团河南北方铁路
公司



常州艾邦机械



常州宏丰金属公司



常州市武进海旺物资公
司



大连保税区特钢厂



大连特来美不锈钢有限
公司



东北特钢集团大连



富士和



工业园区艺达精密机械
公司



哈尔滨焊接研究所



杭州拂晓新材料公司



杭州永磁



济南威成汽车零部件公
司



江苏亨通



江苏双峰粉末冶金公司



江阴法尔胜金属制品公
司



乐山大洋轴承公司



麦克维尔空调制冷（武
汉）公司



南宁银杉电缆公司



宁波博威合金公司



宁波菲力克汽配公司



宁波金鑫粉末公司全自
动



钱潮股份公司



山东威尔斯通铝业





Warranty & Aftersales

- ✓ One year warranty from the day commissioning completion, all-life maintenance & repair service
- ✓ The seller bear service fee during warranty period, the buyer will charge replaced parts.
- ✓ 3, The seller will always provide technical assistance on all-life equipment operation





Welcome to visit & cooperate

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