



# 聖豐橡膠股份有限公司

## HSEN FONG RUBBER CO., LTD

Tel:+886-2-26209599/9589

Fax:+886-2-26209566

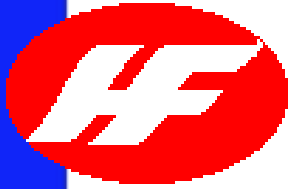
E-mail:[hsenfong-export@hfrrubber.com.tw](mailto:hsenfong-export@hfrrubber.com.tw)

Web: [www.hfwrubber.com.tw](http://www.hfwrubber.com.tw)

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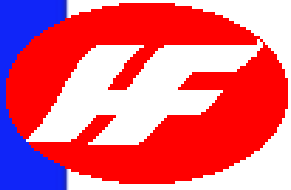
**HsenFong**  
RUBBER CO., LTD.



# HSEN FONG RUBBER CO., LTD.

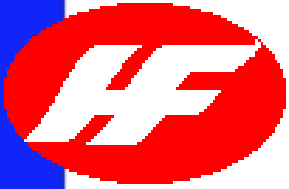
- Owner : Mr. Hui-Hsiung Huang
- Capital: NT\$ 5,000,000
- Founded year: Jun. 1980
- Plant size: 1652 Square Meters
- Employee: 42





# Management Concept

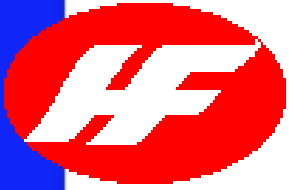
- Quality
- Technology
- Efficiency
- Service



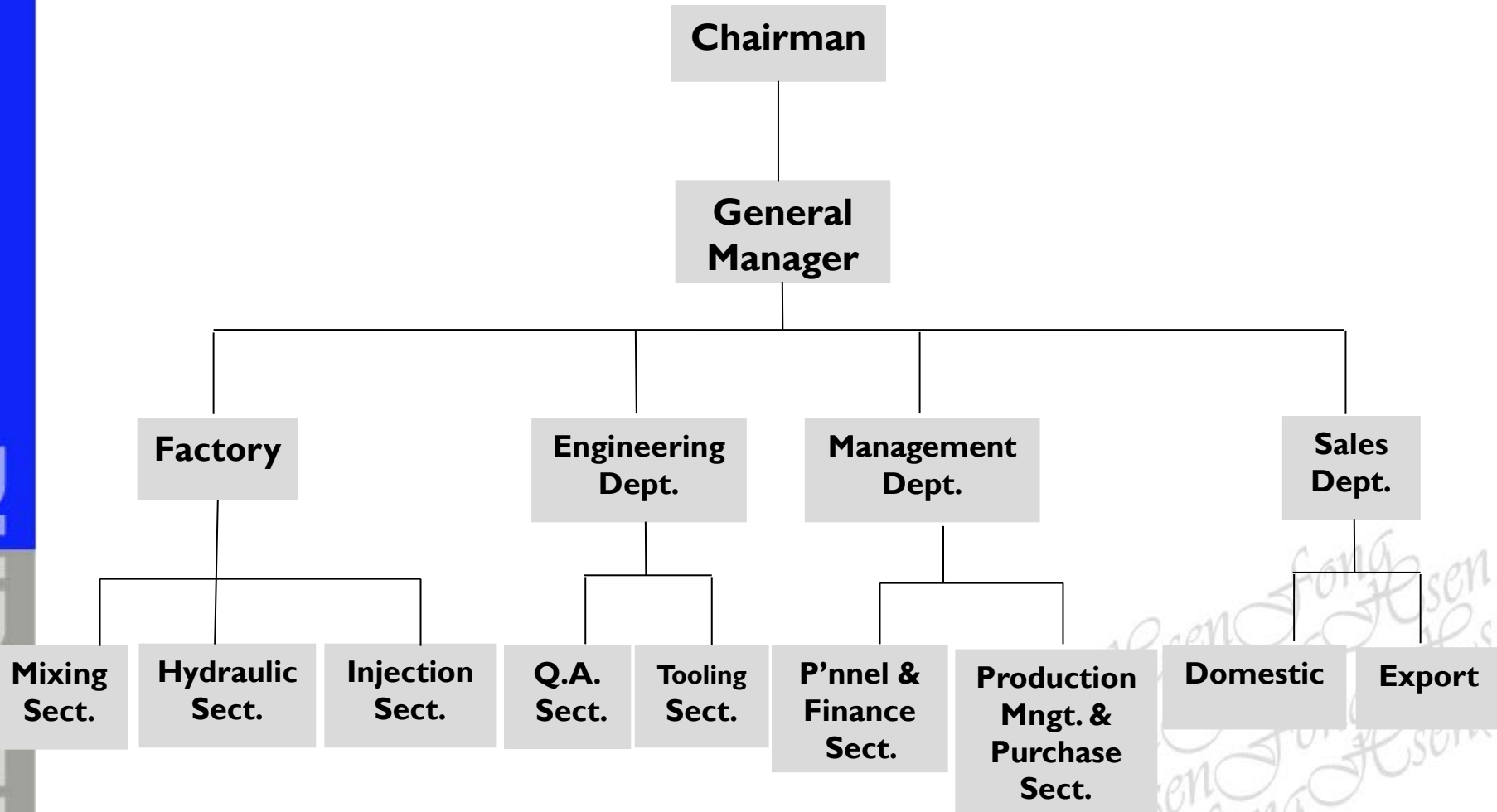
# Direct and Indirect Sales

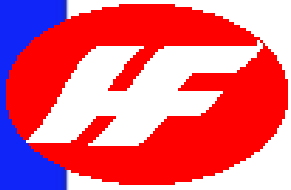


U.S.A  
Europe  
South East Asia



# Organization Chart

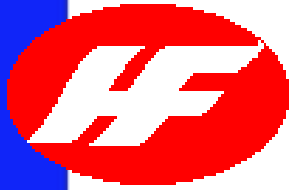




# Overview of our company (1)



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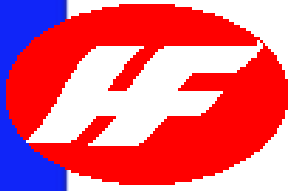


# Overview of our company (2)



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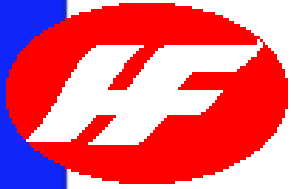
# Overview of our company (3)



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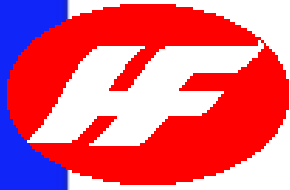


# Overview of our company (4)



RUBBER

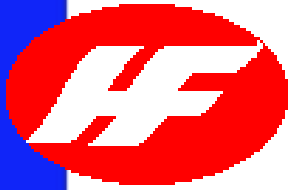
HsenFong  
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# Overview of our company (5)



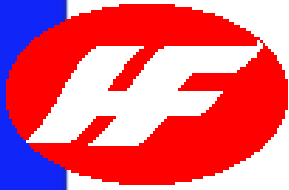
RUBBER



# Overview of our company (6)



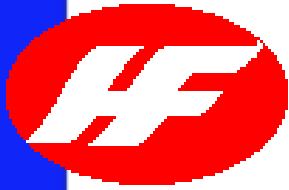
RUBBER



# Overview of our company (7)



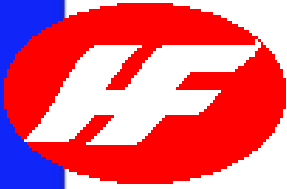
RUBBER



# Overview of our company (8)

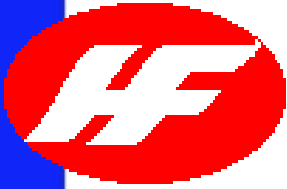


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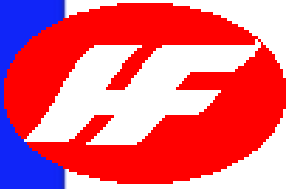
# Quality Assurance

- **Material Access Control - Raw Material Inspection**
- **Check Points Of Material - Reliability Test**
  - ✓ **Hardness**
  - ✓ **Stretching force**
  - ✓ **Tensile Strength**
  - ✓ **Oil Resistance**
  - ✓ **Aging test**
  - ✓ **Abrasion resistance**




# Production Quality Management

- Standardizing production process
  - Basis of quality control
    - ✓ Agreement of inspection
    - ✓ Lot inspection
    - ✓ Liability test report of Material Physical Property
  - Track of defect products
    - ✓ Customer complaint and related reclamation procedure
  - Management of measuring gauges
    - ✓ Set up process in specifying cycle time of calibration and maintenance to ensure quality of inspection



# Production Quality Management

## ● Test Report


**HSEN FONG RUBBER CO.,LTD**

No.119-5,Xiaguirou Shan,Danshui Town,Taipei County 25144,Taiwan(R.O.C.) TEL:886-2-2620-9599 FAX:886-2-2620-9566

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**Reliable Test Report Of Material Physical Property**

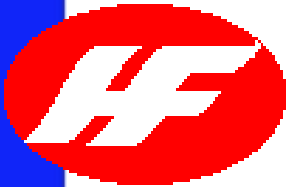
Client		Approved		Examined	Tested	
Date	09/25/2006	Norm	JIS K-6380			
Part No.:			Part Name:			
Material: C1-503 (SIR-50 )			Drawing No.:			
Vulcanization Condition: 170°C × 5min			Published No.:			
Test Items		Norm Value	Value Tested	Result		
General	Hardness (°A)	50 °A±5°A	48 °A	OK		
	Tensile Strength (kgf/cm <sup>2</sup> )	30 kgf/cm <sup>2</sup> ↑	88 kgf/cm <sup>2</sup>	OK		
	Elongation (%)	200 %↑	389 %	OK		
Aging Condition: 230°C × 70/hr						
Aging	Hardness Change Rate (HS)	+20 HS↓	+9 HS	OK		
	Tensile Strength Change Rate (%)	-30 %↓	-14 %	OK		
	Elongation Change Rate (%)	-40 %↓	-35 %	OK		
Deformation Condition -- Compressed and heated: 150°C × 70/hr						
Permanent Deformation Rate (%)		50 %↓	44 %	OK		
Fluid Resistance	Soak Condition: 150°C × 70/hr		NO.1 Oil			
			Norm Value / Value Tested			
	Hardness Change Rate (HS)	-15 HS ↓	-11 HS	-30 HS ↓	-26 HS	OK
	Tensile Strength Change Rate (%)	-20 %↓	-13 %	*****	*****	OK
	Elongation Change Rate (%)	-20 %↓	-14 %	*****	*****	OK
Volume Change Rate (%)	0~+20 %	+11 %	+60 %↓	+31 %	OK	
Ozone Resistance	Temperature: 40±2°C Term: 72 hours Consistency: 80±5pphm Stretch: 20%					
	Cracking Yes / No	No		No		OK
Remark:						

Control NO. : DE- -      List Version : A - 0      List NO. : F1DE329

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# Production Quality Management

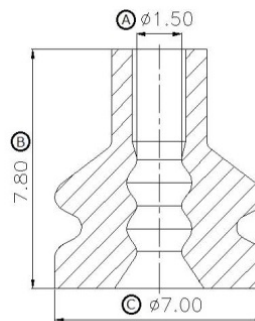
- Test Report



HSEN FONG RUBBER CO., LTD .  
Process / outgoing Inspection List

PART NO.	HWB-0016-0	PRODUCTION DATE	年 月 日	QUANTITY	PCS
PART NO.	110(B)Wire seal	DELIVERY DATE	年 月 日	CUSTOMER	SHIN YAO CORPORATION
MATERIAL COLOR NO.	NBR-50 / HCB001	INSPECTION DATE	年 月 日	RELEASED	

DRAWING:



NO.	INSPECTION ITEM	SPECIFICATION	INSPECTION METHODS	SELF-CHECK			CUSTOMER-CHECK			RESULT
A	SIZE	φ 1.50 ± 0.20	PROJECTOR							
B	SIZE	7.80 ± 0.30	PROJECTOR							
C	SIZE	φ 7.00 ± 0.30	PROJECTOR							
D										
E										
F										
G										

Hsen Fong Rubber Co., Ltd.			CUSTOMER			REVISED NOTES		
MADE BY	CHECKED BY	APPROVED BY	MADE BY	CHECKED BY	APPROVED BY	REVISED DATE	CONTENT	
						/ /		
						/ /		

管理編號: MK- -

表單版本版次: A - 0 表單編號: F1MK213





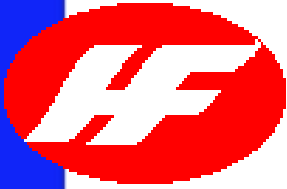
# Production Quality Management

## ● Test Report

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Supplier :		Initial Sample Inspection Report												
Hsen Fong Rubber Co., Ltd.		Date : 2015 / 04 / 23												
Client		THAI SUMMIT HARNESS PUBLIC COMPANY LTD.		Sequence	Ist	Time	QTY	50	PCS	Page	1/1			
Part No.	HWS-0081-4	Part Name	AG(YL)-M Wire Seal		Drawing No.	M805T070		Material	SIR-50					
Checked by	Differentiation		Check Content		OK	N G		Overall Judgement		Description				
蔡裕盛	<input type="checkbox"/> New Development	<input type="checkbox"/> Dimension		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Approved								
	<input type="checkbox"/> Design Amendme	<input type="checkbox"/> Material		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Conditionally Approved								
	<input type="checkbox"/> Mold Modification	<input type="checkbox"/> Appearance		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rejected								
Prepared by	Date: 2015 / 04 / 15		Remarks :											
備註														
Item	Content	Drawing Specified	Samples Measured										Result	
1	Dimension	0.85 ± 0.20	0.89	0.93	0.85	0.83	0.81	0.89	0.93	0.95	0.99	0.91		
2	Dimension	6.50 ± 0.30	6.61	6.64	6.66	6.67	6.69	6.63	6.60	6.67	6.66	6.61		
3	Dimension	2.80 ± 0.20	2.81	2.88	2.89	2.91	2.75	2.77	2.79	2.93	2.86	2.84		
4	Dimension	3.50 ± 0.20	3.54	3.58	3.56	3.50	3.51	3.58	3.59	3.60	3.62	3.66		





# Production Quality Management

## ● ISO-9001 Certification

**Certificate of Registration**

**Intertek**

This is to certify that the quality management system of

**HSEN FONG RUBBER CO.,LTD.**

No.119-4, Xiaguirou Shan, Tamsui Dist., New Taipei City,Taiwan,R.O.C.


has been assessed and registered by Intertek as conforming to the requirements of

**ISO 9001: 2008**

The quality management system is applicable to:

*Manufacture of rubber parts and other related rubber products*


Certificate Number: 26111212002  
 Original Issue Date: 29 March 2013  
 Certificate Issue Date: 10 February 2015  
 Certificate Expiry Date: 28 March 2016



*Calin Moldovean*  
 Authorised Signature: Calin Moldovean – President, Business Assurance  
 Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validation@intertek.com](mailto:certificate.validation@intertek.com) or by scanning the code to the right with a smartphone.



The certificate remains the property of Intertek, to whom it must be returned upon request.

Intertek Intertek Intertek Intertek Intertek Intertek

**Certificate of Registration**

**Intertek**

茲證明，以下組織

**聖豐橡膠股份有限公司**

新北市淡水區下圭柔山 119-4 號


的質量管理體系，經 Intertek 審核，符合以下標準要求並予以註冊：

**ISO 9001: 2008**

此質量管理體系適用於：

*橡膠零件及其他相關橡膠製品之製造*

證書編號: 26111212002  
 首次簽發日期: 2013 年 03 月 29 日  
 簽發日期: 2015 年 02 月 10 日  
 有效日期: 2016 年 03 月 28 日



*Calin Moldovean*  
 Authorised Signature: Calin Moldovean – President, Business Assurance  
 Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited 是 UKAS 認可的認證機構。註冊號碼 014

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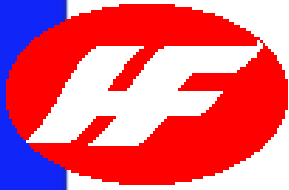


本證書的所有權歸屬 Intertek，在必要時證書持有者應按要領歸還證書。

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# Products

- Wire Seal



- Plug



- Bulb Socket & Cover

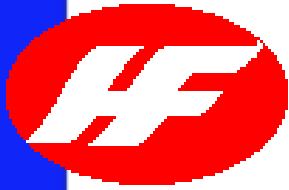


- Overmold product



- Washer / Ring





# Products -- OEM

- Bellow



- Grommet



- Sleeve



- Boot

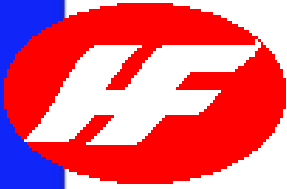


- Giftware



- Silicone Medical Product





# Business Content

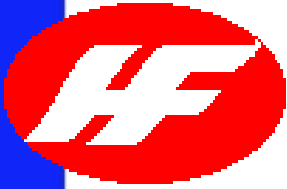
- Molds development of precise rubber parts and formation technology of liquid and solid Silicone
- OEM Projects for medical/food grade products, bathroom, Kitchenware, Gifts... etc.

## Product Category:

Rubber parts of wire harness for Automotive and Electronic applications like Wire seals, (Dummy) Plugs, Washers, Rings and hardware like Grommets, Bellows and Boots.

## Applications:





# Our Facility

- 14" Rubber Mixing Machine x1
- 150T Hydraulic Curing Machine x 5
- 140T Injection Molding Machine x 1
- 160T Injection Molding Machine x 4
- 120T Horizontal Rubber Injection Molding Machine x 1
- 85T Multi-purpose Vertical Rubber Injection Molding Machine x 1
- 200T Waste-free Silicone Injection Molding Machine x 2



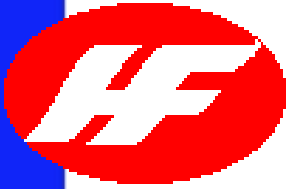


# Our Facility

- 3HP Rubber Cutting Machine x 1
- 1.5HP Feeder for Injection Machine x 1
- 1.5HP Automatic Material Cutter x 1
- 1.5HP Feeder (Strips shape) x 1
- 15HP High Pressure Compressor x 1
- 20HP High Pressure Compressor x 2
- 30HP High Pressure Compressor x 1
- 200T Vacuum Thermo-forming Molding Machine x 1







# Quality Control

## ● Measuring Gauges

- PJ300 Vertical Profile Projector x 1
- KIM-3020CU Manual Non-Contact Video Measuring system x 1
- GS-706N Durometer X 1
- KT-7016 Test Pieces Cutter X 1
- Compression Tester m/c x 1
- Bending Tester x 1
- Material Test Chamber x 1
- Vibration Tester x 1

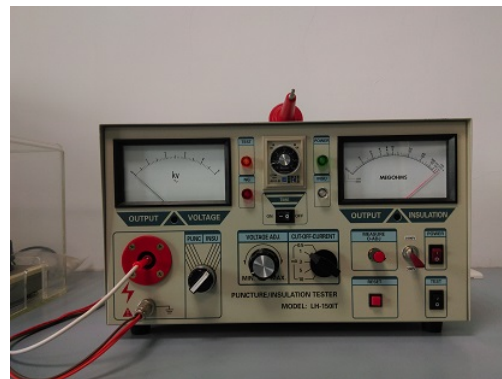




# Quality Control

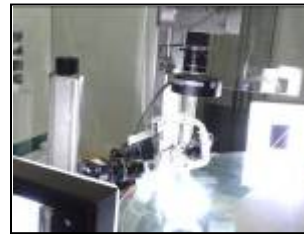
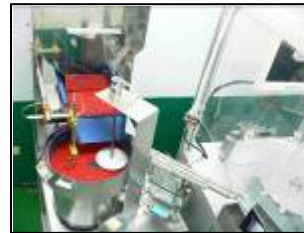
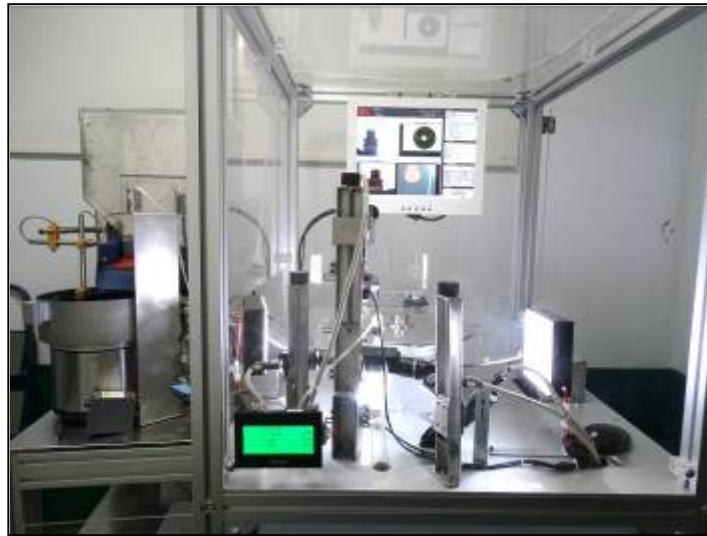
## ● Measuring Gauges

- Holder for Hardness Gauge x 1
- Insulation Voltage Tester x 2
- Computerized Tensile Strength Tester x 1
- Oil Bath Tester x 1
- Specific Gravity Meter x 1
- Calipers x 3
- Electronic Scale x 7
- Counter Scale x 13
- Balance x 2
- Weight x 1 set





# CCD Fully Automatic Inspection System



**Description**

**Function : Inspecting burrs and material shortage & size measuring**

**Applications : Wire seal, Dummy plug and O-Ring**

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