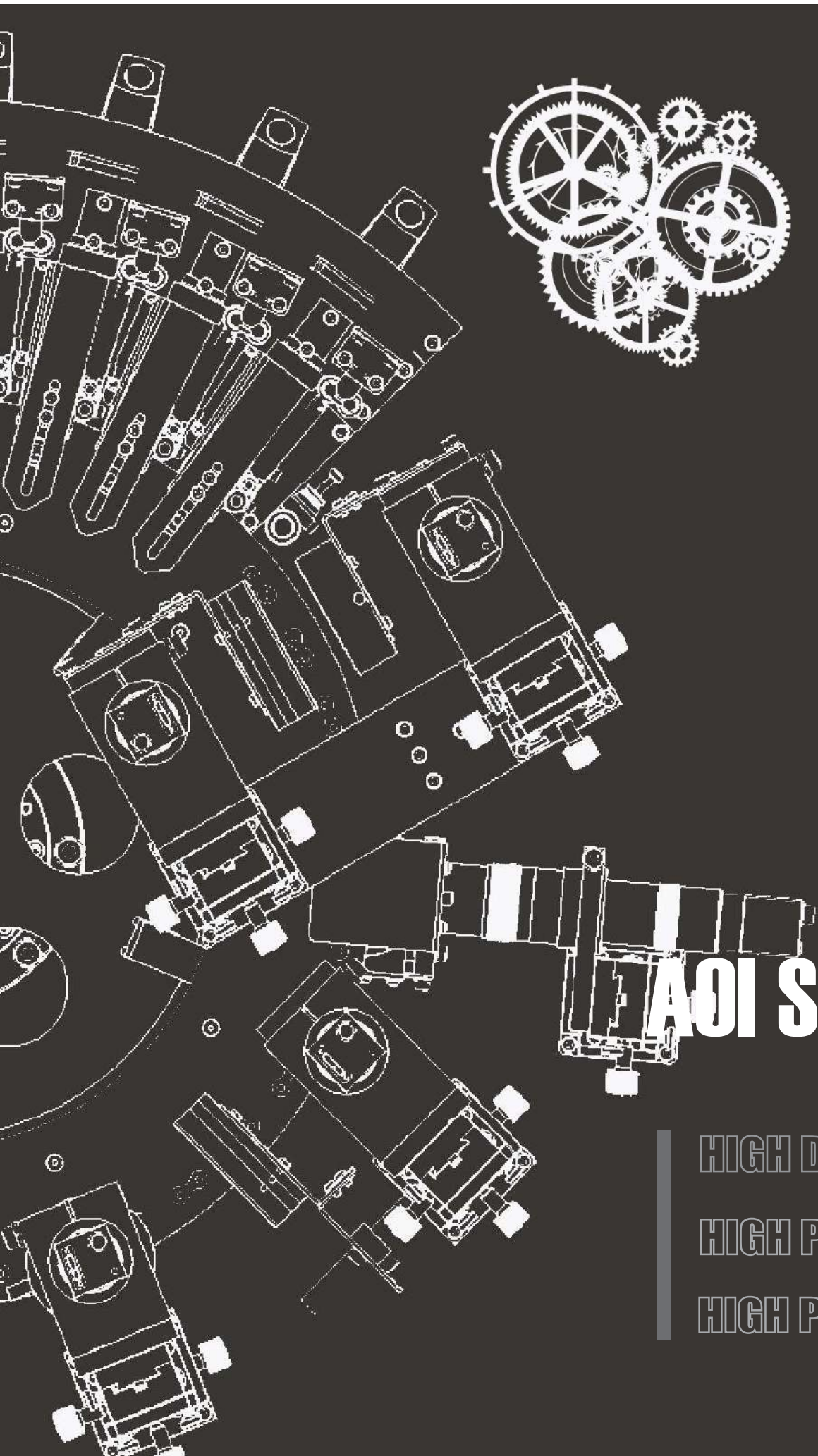
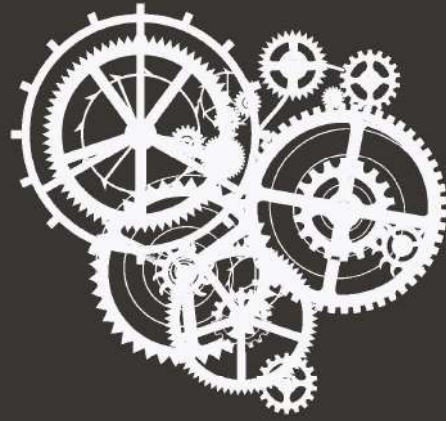


2019

# SORTING MACHINE



## AOI SOLUTION

HIGH DEFECTION

HIGH PERFORMANCE

HIGH PRECISION



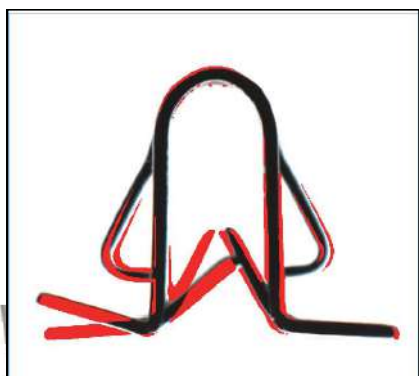
# DING CHEN TEK

[DCTEK.COM.TW](http://DCTEK.COM.TW)

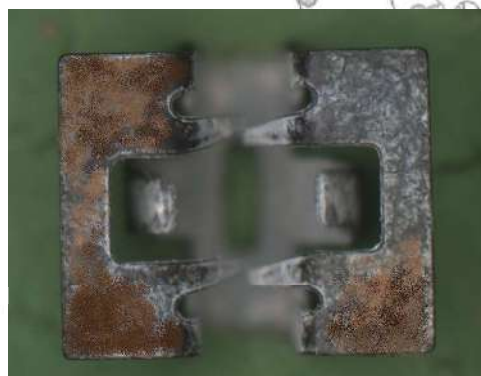
# Components : Spring

◇ 車用彈簧片檢測 ◇

變形檢測



生鏽檢測



## Defect Filter Specification

Defect Size(High / Width/Area)
Defect Gray Value
Defect Stander Number

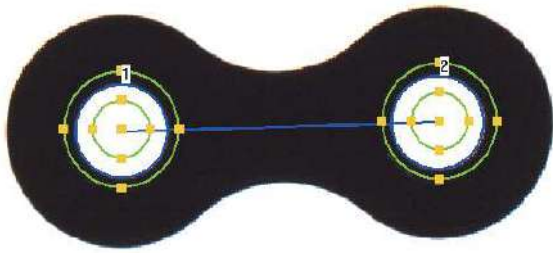
## Machine Specification

Power Input	AC 220V 50/60 Hz · 2 KVA
Air Input	0.5 MPa or higher
Image resolution	30 um/pixel
FOV	1 mm x 1 mm ~ 50 mm x 50 mm
Inspection Items	Pole size · User Defined Items
Productivity	100 ~ 300 unit/min
Sorting Bins	2 ~ 3 Bins
Dimensions	860 mm x 860 mm x 1965 mm (W x D x H)
Weight	450 kg
Camera	1 ~ 5 USB Camera · 1.3M
Computer	Win10 x64 Professional
UPS Protection	Yes

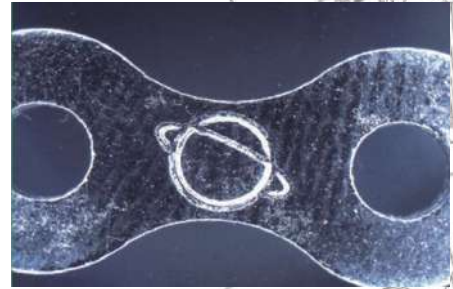
# Stamping Parts : Chain

◇ 沖壓件:鏈片◇

尺寸量測



LOGO識別



## Defect Filter Specification

Defect Size(High / Width/Area)
Logo Classification
Distance Measure

## Machine Specification

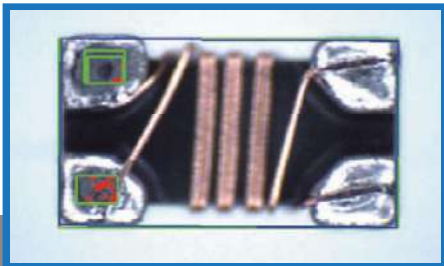
Power Input	AC 220V 50/60 Hz · 2 KVA
Air Input	0.5 MPa or higher
Image resolution	2.1 um/pixel ~ 13 um/pixel
FOV	1 mm x 1 mm ~ 50 mm x 50 mm
Inspection Items	Pole size · User Defined Items
Productivity	200 ~ 500 unit/min
Sorting Bins	2 ~ 3 Bins
Dimensions	1060 mm x 1060 mm x 1965 mm (W x D x H)
Weight	450 kg
Camera	1 ~ 4 USB Camera · 1.3M
Computer	Win10 x64 Professional
UPS Protection	Yes



# Passive Components

◇ 繞線電感檢測機 ◇

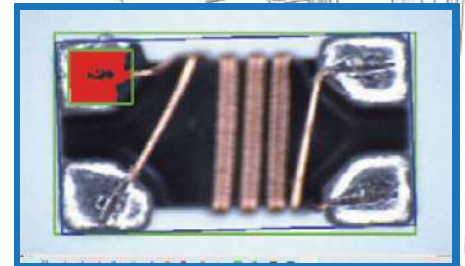
掛線不良



熔接不良



翻錫



## Defect Filter Specification

Defect Size(High / Width/Area)
Defect Gray Value
Defect Stander Number

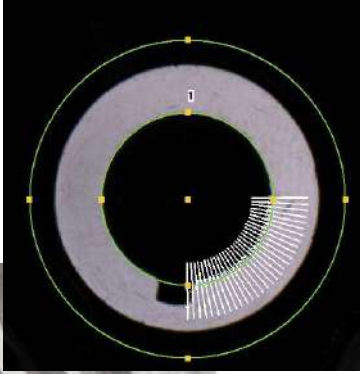
## Machine Specification

Power Input	AC 220V 50/60 Hz · 3 KVA
Air Input	0.4 MPa or higher
Image resolution	2.1 um/pixel ~ 13 um/pixel
FOV	1 mm x 1 mm ~ 17 mm x 17 mm
Inspection Items	Pole size · User Defined Items
Productivity	2000 ~ 4000 unit/min
Sorting Bins	2 ~ 4 Bins
Dimensions	1060 mm x 1060 mm x 1965 mm (W x D x H)
Weight	450 kg
Camera	1 ~ 8 USB Camera · 1.3M
Computer	Win10 x64 Professional
UPS Protection	Yes

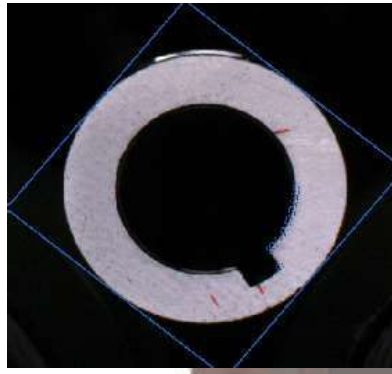


## ◇ 金屬電腦鎖殼檢測 ◇

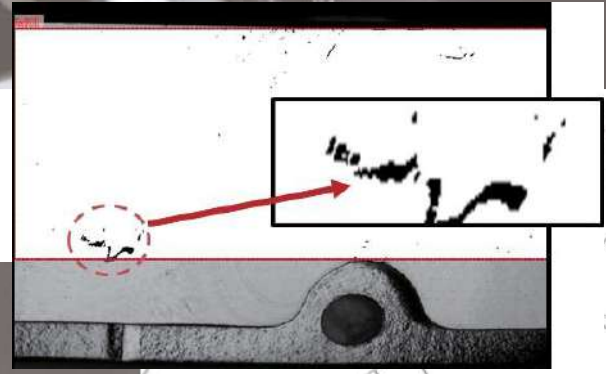
### 圓形定位



### 圓頂檢測



### 側面線掃檢測



#### Defect Filter Specification

Defect Size(High / Width/Area)

Defect Gray Value

Defect Stander Number

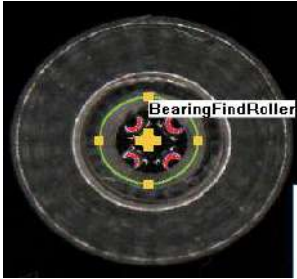
#### Machine Specification

Power Input	AC 220V 50/60 Hz · 1 KVA
Air Input	0.4 MPa or higher
Image resolution	2.1 um/pixel ~ 13 um/pixel
FOV	1 mm x 1 mm ~ 50 mm x 50 mm
Inspection Items	Pole size · User Defined Items
Productivity	7 ~ 10 unit/min
Sorting Bins	2 Bins
Dimensions	500 mm x 500mm x 1500 mm (W x D x H)
Weight	150 kg
Camera	2 USB Camera · 1.3M
Computer	Win10 x64 Professional
UPS Protection	Yes

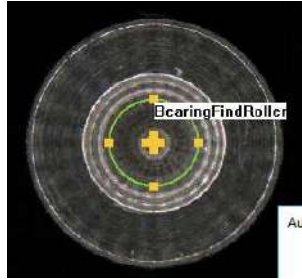


## 電子零件滾珠偵測

正常影像



缺珠瑕疵



## 內螺牙偏孔檢測

正常影像

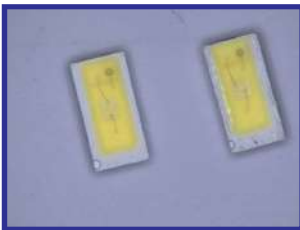


斜牙



## LED表面檢測

切偏



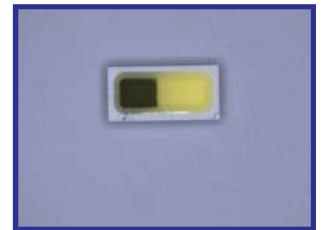
板裂



板破



半黑杯



## 塑膠射出檢測

汗損瑕疵



射出瑕疵



射出瑕疵

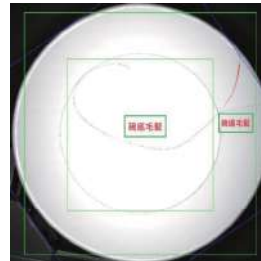


正常影像

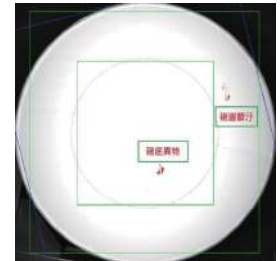


## 紙碗髒污檢測

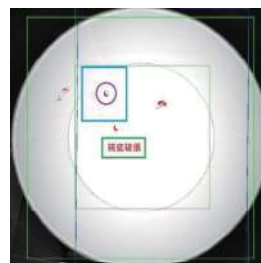
毛髮入塵



異物瑕疵



破洞瑕疵

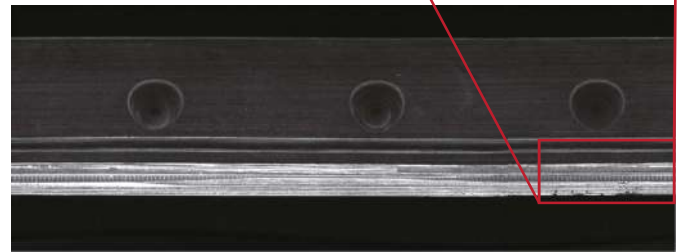
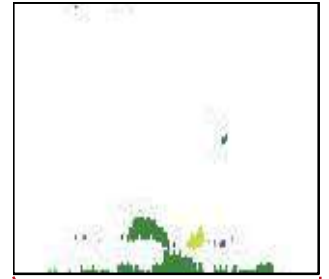


## 牙傷檢測

外360度影像

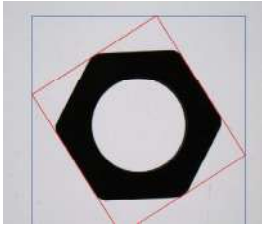


螺牙瑕疵



## 扣件檢測

對邊量測



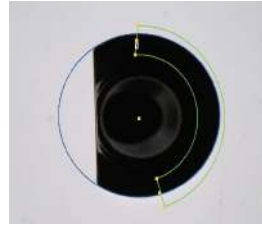
倒角直徑



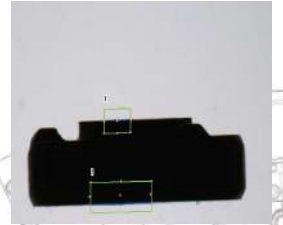
內牙有無



圓弧量測



高度寬度量測



真圓度



瑕疵塞孔檢測



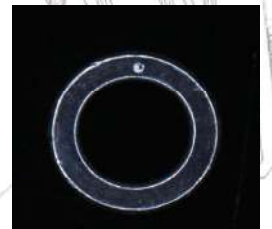
表面崩缺



同心圓量測



印記偵測

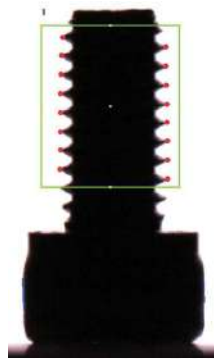


## 螺絲檢測

頭部寬度



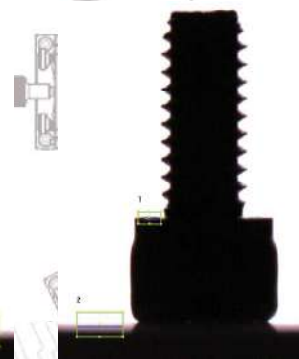
牙距量測



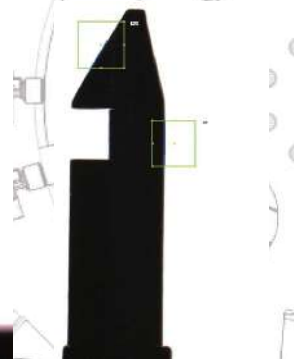
螺絲長度



頭部高度



角度量測



## 塑膠射出成型檢測

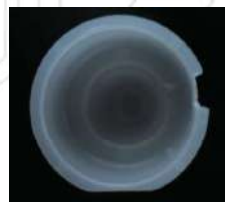
外表髒汙



底部裂痕



內部髒汙



內部油汙



頭部髒汙



2019

# SORTING MACHINE



 鼎宸科技股份有限公司  
DING CHEN TEK CO., LTD.

No.462, Longpu St.,  
Yongkang Dist.,  
Tainan City 710, Taiwan  
TEL : +886-6-2335332  
FAX : +886-6-2043558  
Email : [service@dctek.com.tw](mailto:service@dctek.com.tw)

**DCTEK.COM.TW**

