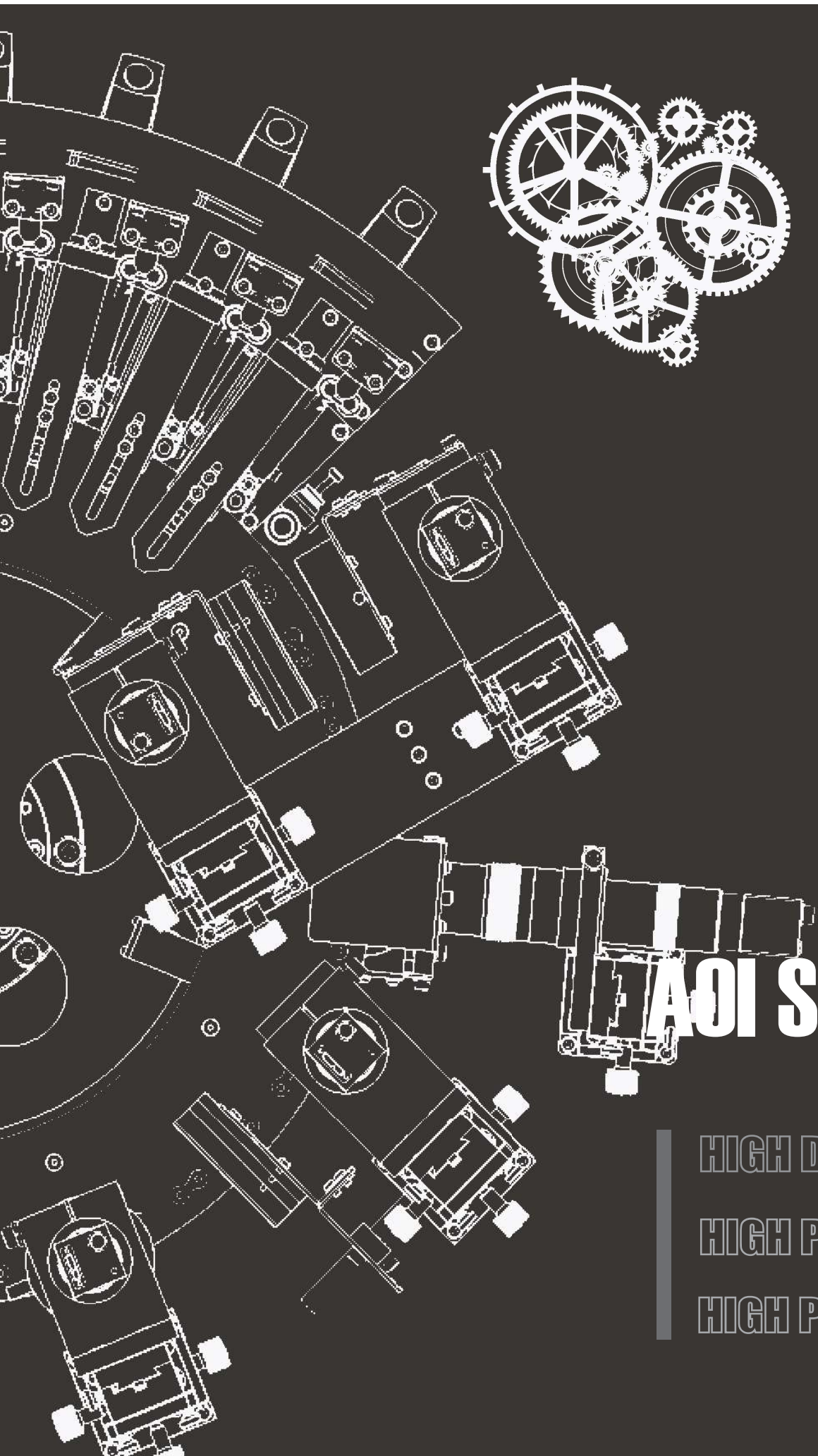


2019

SORTING MACHINE



AOI SOLUTION

HIGH DEFECTION

HIGH PERFORMANCE

HIGH PRECISION



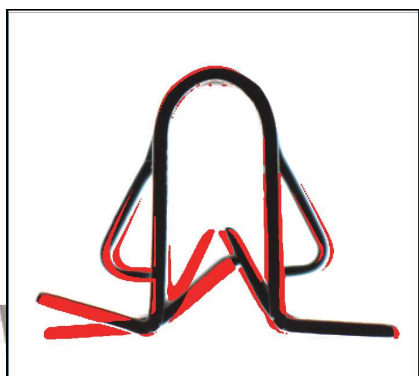
DING CHEN TEK

DCTEK.COM.TW

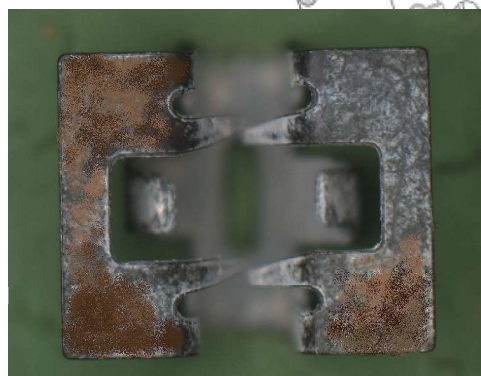
Components : Spring

◇ 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

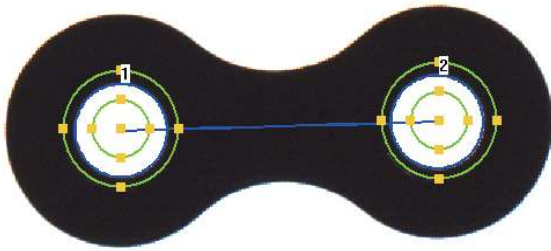
Machine Specification

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

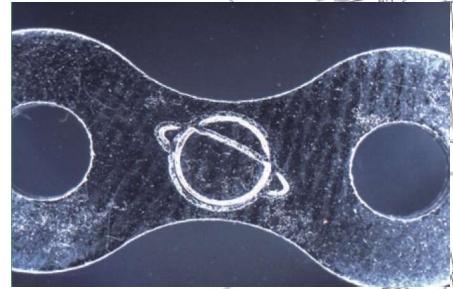
Stamping Parts : Chain

◇ 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

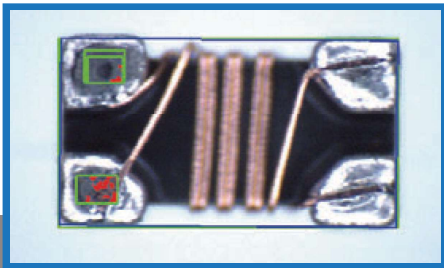
Power Input	AC 220V 50/60 Hz · 2 KVA
Air Input	0.5 MPa or higher
Image resolution	2.1 um/pixel ~ 13 um/pixel
FOV	1 mm x 1 mm ~ 50 mm x 50 mm
Inspection Items	Pole size · User Defined Items
Productivity	200 ~ 500 unit/min
Sorting Bins	2 ~ 3 Bins
Dimensions	1060 mm x 1060 mm x 1965 mm (W x D x H)
Weight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



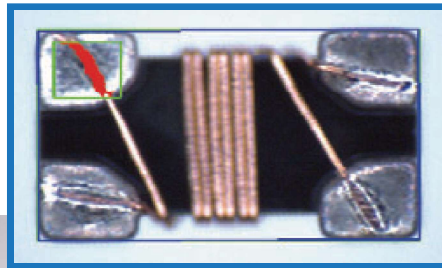
Passive Components

◇ 繞線電感檢測機 ◇

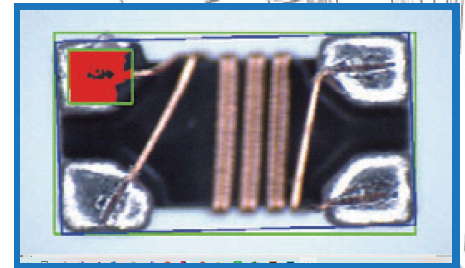
掛線不良



熔接不良



翻錫



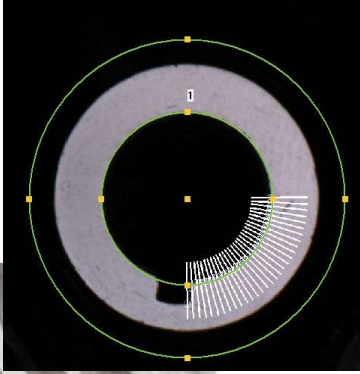
Defect Filter Specification

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

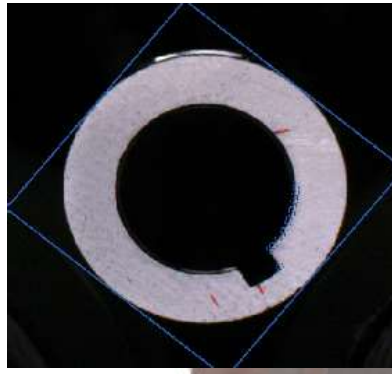
Machine Specification

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

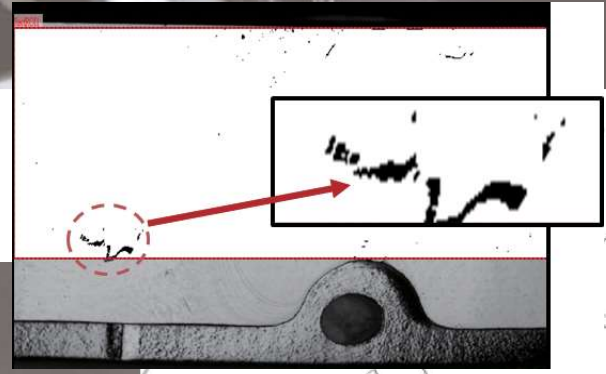
圓形定位



圓頂檢測



側面線掃檢測



Defect Filter Specification

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

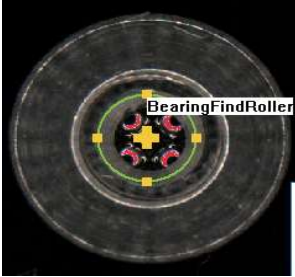
Machine Specification

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

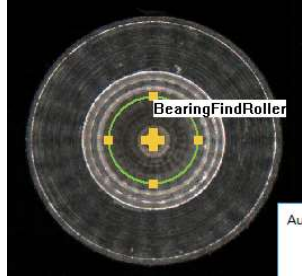


電子零件滾珠偵測

正常影像

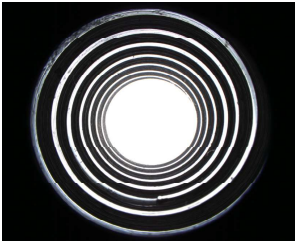


缺珠瑕疵

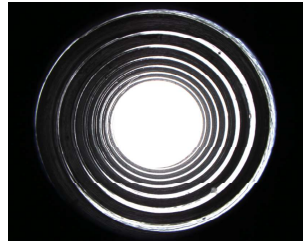


內螺牙偏孔檢測

正常影像

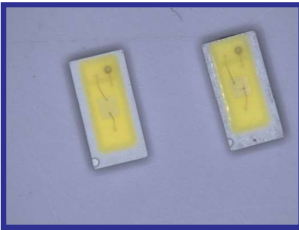


斜牙

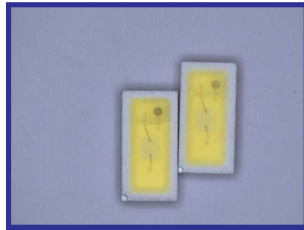


LED表面檢測

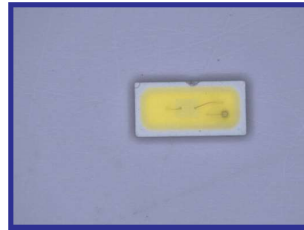
切偏



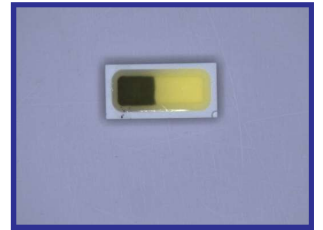
板裂



板破



半黑杯



塑膠射出檢測

汗損瑕疵



射出瑕疵



射出瑕疵

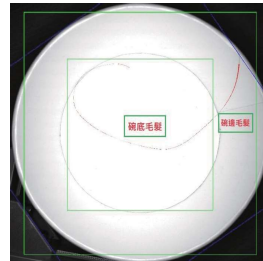


正常影像

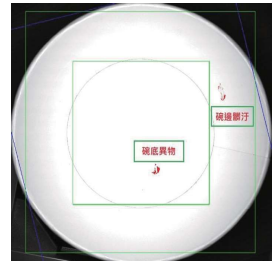


紙碗髒污檢測

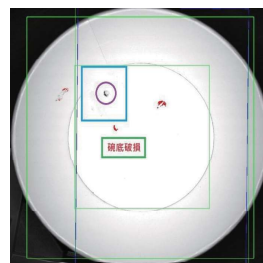
毛髮入塵



異物瑕疵



破洞瑕疵

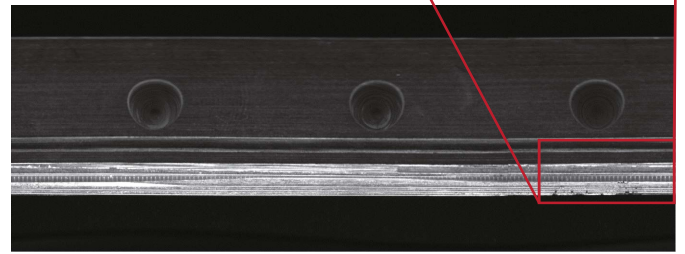
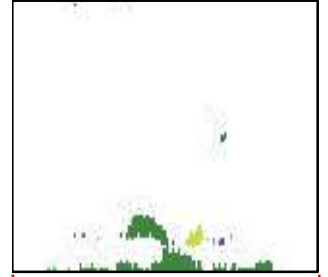


牙傷檢測

外360度影像

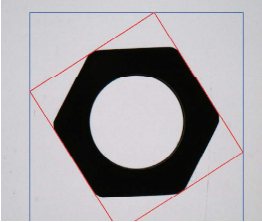


螺牙瑕疵

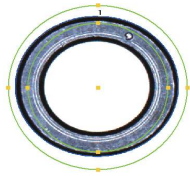


扣件檢測

對邊量測



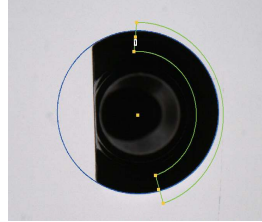
倒角直徑



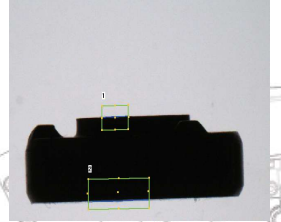
內牙有無



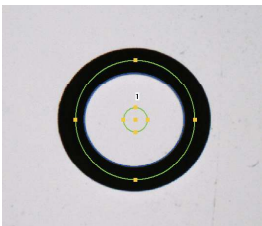
圓弧量測



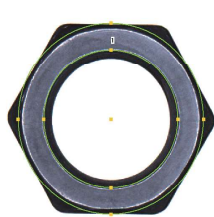
高度寬度量測



真圓度



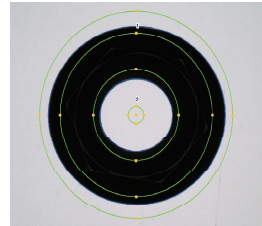
瑕疵塞孔檢測



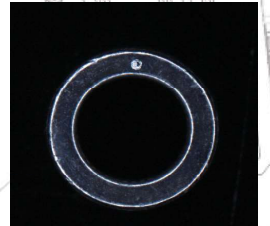
表面崩缺



同心圓量測

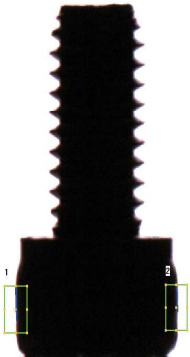


印記偵測

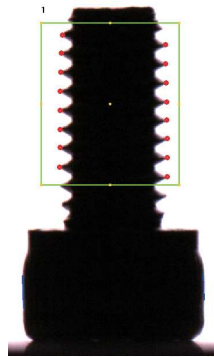


螺絲檢測

頭部寬度



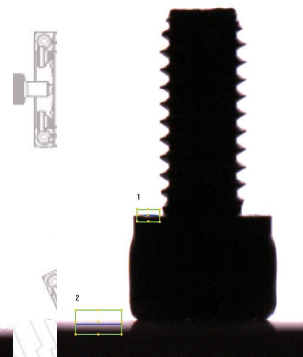
牙距量測



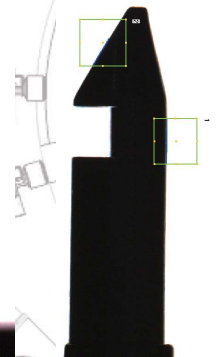
螺絲長度



頭部高度



角度量測

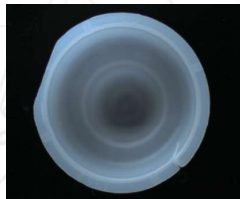


塑膠射出成型檢測

外表髒汙



底部裂痕



內部髒汙



內部油汙

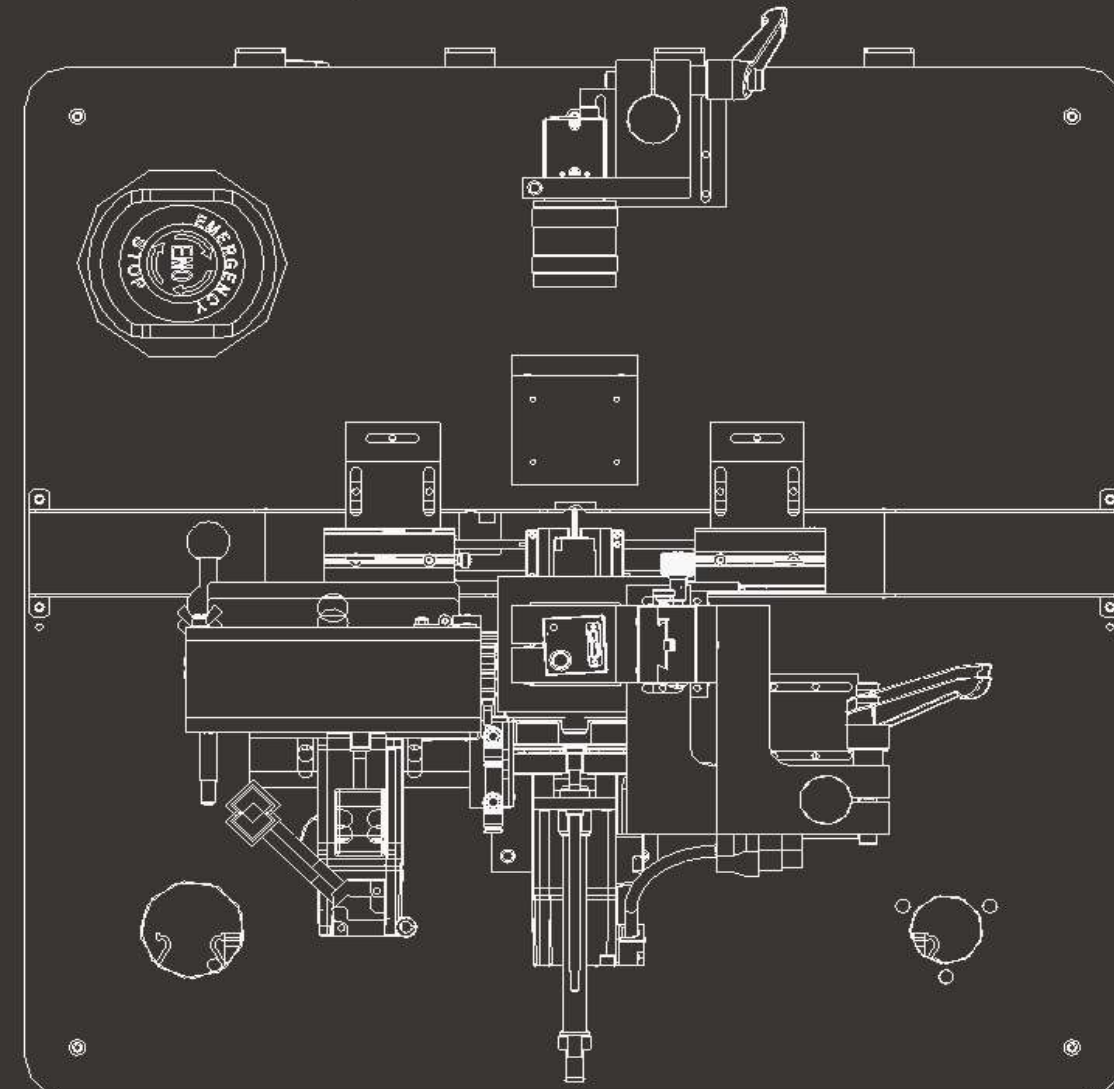
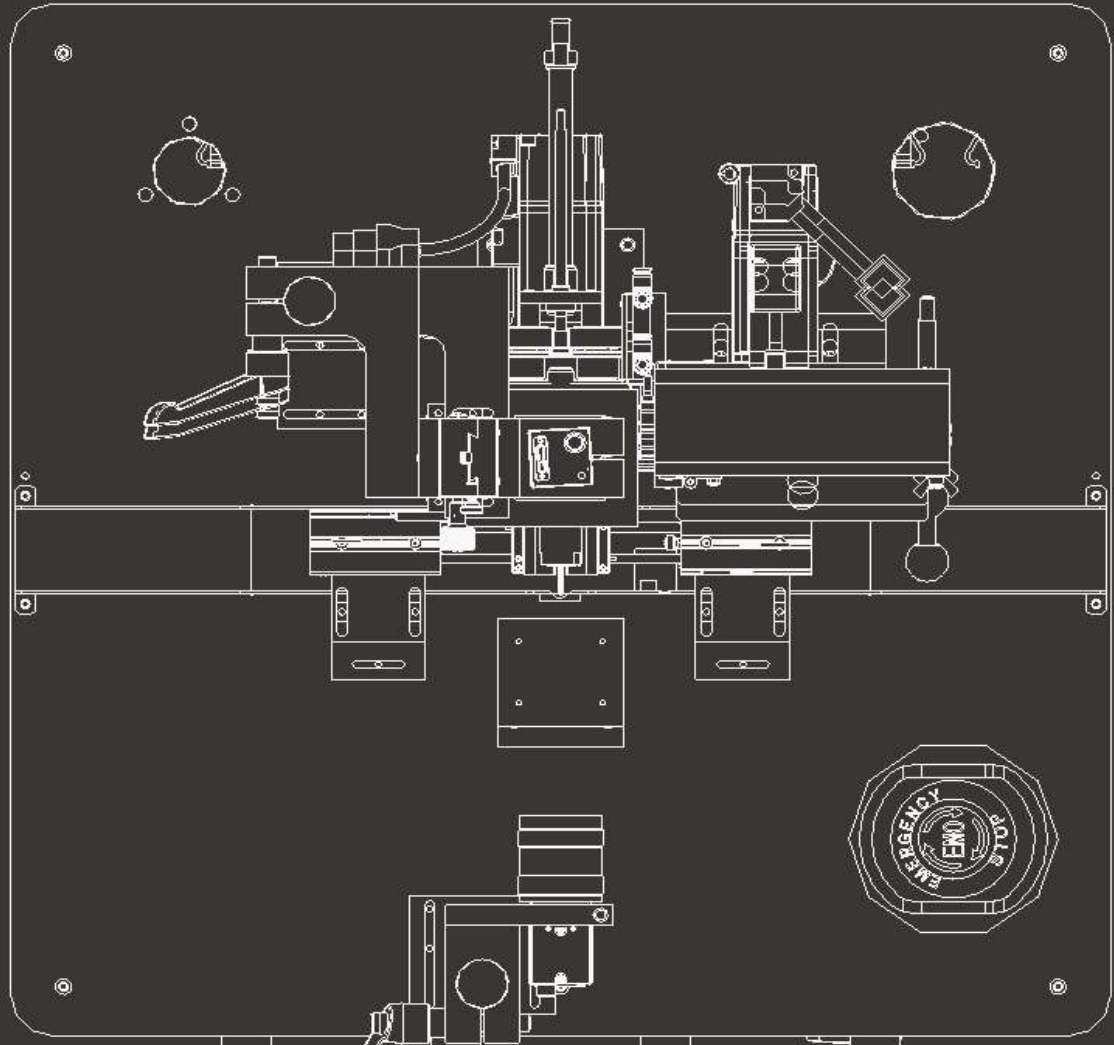


頭部髒汙



2019

SORTING MACHINE



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