

TY-VISION

Final Visual Inspection System

M100 Series

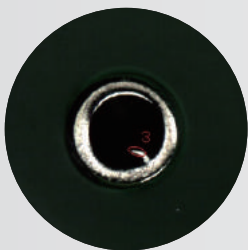
High-resolution imaging and advanced software algorithms for

FAST,
PRECISE,
& CONSISTENT

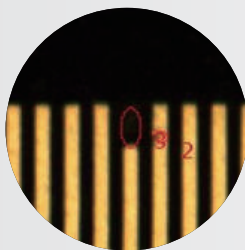
final inspection of bare boards.



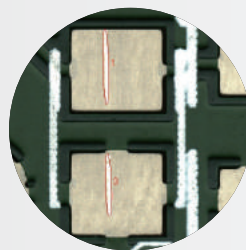
Sample Defects:



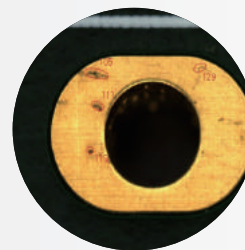
Nodules



Chipping



Scratches



Corrossion



Discoloration

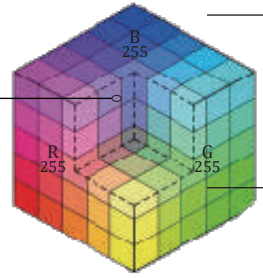
Rigid PCBs, Rigid-Flex, HDI, Flex Circuits RFIDs, High-Layer Count, Metal Parts, and more.

Scratches, exposed copper, misregistration, burrs and nodules, delamination, discoloration, etc.

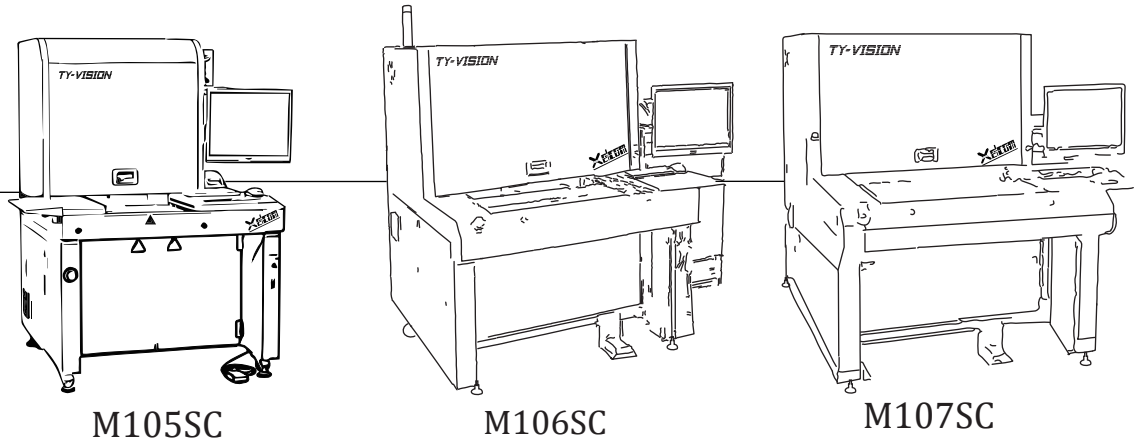
M100 Series



- Adjustable Camera Angle
0° to 16°
- High Resolution
From 20μm to 5μm
- Special Spec. LED Lighting
Accurately renders full color spectrum



Six-point luminance analysis (RGB & HSV)



M105SC

M106SC

M107SC

Board Size	Max.13" x 11"	Max. 24" x 14"	Max.24" x 20"
Resolution	10μm, 16μm, 20μm	15μm	11μm, 15μm
Exterior Dimensions	35"(*49") x 39"x 55"	42"(*48") x 50" x 55"	35"(*49") x 39" x 55"
Weight	≈660lbs		≈1100lbs
Camera	7,300pixel color line scan camera; adjustable angle		7,500 pixels
Illumination	Computer-controlled LED lighting		
Operation	Manual (one-button operation)		
Applicable Boards	Rigid PCBs, Rigid-Flex, HDI, Flex Circuits, high layer count, metal parts, etc.		

Contact the head office for a free assessment.



TAIYO INDUSTRIAL CO., LTD.



Head Office

〒640-8390 661, Arimoto, Wakayama, Japan
 ☎+81-073-431-6329
 ✉res6@taiyo-xelcom.co.jp
 🌐taiyo-xelcom.info/english/

Tokyo Office

3-3 Kudan-Kita, 1 Chome, Chiyoda-Ku, Tokyo
 Kudanshita Tokyo Shinsakura Bldg, 7F
 +81-3-3261-6301
 tko@taiyo-xelcom.co.jp

Taiyo Technolex (Shanghai)

Room 2902, Modern Plaza Tower 1,369
 Xlan Xla Road, Shanghai, 200336 China
 +86-21-5208-0991

Taiyo Technolex (Thailand)

12th Flr, Abdulrahim Place, 990 Rama 4 Rd.,
 Silom, Bangrak Bangkok, 10500 Thailand
 +66-2-636-0755