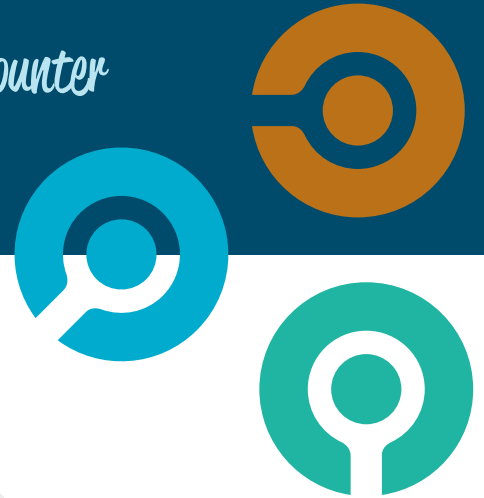


Hawkeye 1000

Revolutionary X-ray component counter



Automated X-ray counter

- Ⓢ Accurately counts up to 4 reels simultaneously
- Ⓢ Fast & easy to use
- Ⓢ Interlink to ERP / MES system is possible

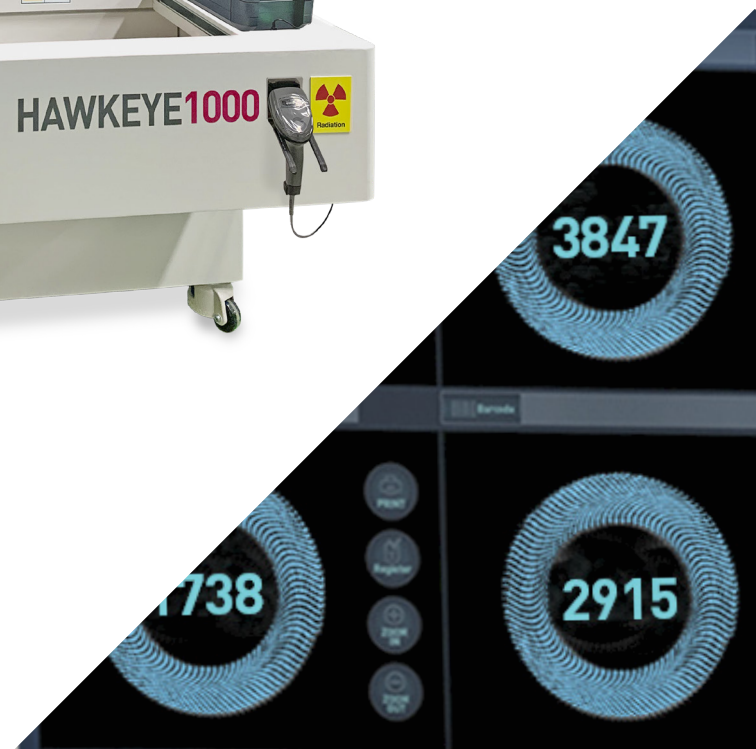
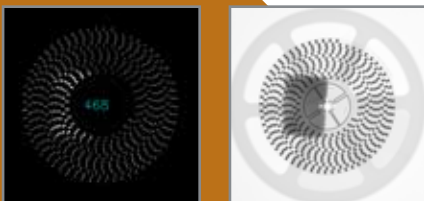
Ⓢ Reel counting



Ⓢ Tape strip counting



Ⓢ ESD bag counting



Hawkeye 1000

The Hawkeye 1000 is the latest revolution in X-ray chip counting systems. In order to meet the increasing industry demands, we have further increased efficiency and maximized the customer's ROI.



Specifications

- X-ray Tube:
kV Range: 20 ~ 65 kV
mA Range: 0 ~ 2.5 mA
- X-ray Detector:
Size: 430 X 430 mm FPXD
Pixel Pitch: 140 um
- Manipulator: feeding door
- Simultaneously counts up to 4 reels
- Inspection time:
8 sec (1 reel)
12 sec (4 reels)
- Safe from radiation:
Shielding cabinet guaranteeing no radiation leakage
Light curtain sensor system for the door
Fully CE Approved
Double safety interlocking system
- Machine:
Size: 900 x 1.600 x 1.850 mm
Weight: 800 kg



World's best

X-ray component counter technology

- Counts up to 4 reels (180 mm) simultaneously
- Reduces labour costs & kitting times
- Increases inventory management efficiency
- Reduces production line down-times
- Sold to and proven by many world leading companies

High performance

automatic chip counting with a wide range

- Automated, accurate and fast counting (180 mm ~ 380 mm)
- Connect integration ERP / MES system
- No damage to components or reels
- Counts all type of Chips (1 reel, 4 reels, Tray, Unique shapes)
- User-oriented UI configuration & touch screen monitor



How does Hawkeye 1000 work?

With Hawkeye 1000 you only need to push a single button to count various components automatically in a few seconds, e.g. 4 reels simultaneously.

When Hawkeye 1000 counts various chips and components, the results are sent directly to the SMD material management server (ERP system). During this process, a new bar code label is printed for the purpose of updating off-line records.

Techvalley has been improving their X-ray Counter series since 2013, to the current 5th generation Chip Counter. The evolving of their 'Automated X-ray counters' to ensure advanced, automatic counting for a wider range of components, faster & efficiently with more flexibility.