X-RAY COMPONENT COUNTER HAWKEYE2000

The HAWKEYE2000 from Techvalley is the improved version of the HAWKEYE1000. The simple operating concept, maximum counting speed and precision characterize the HAWKEYE2000, which counts up to 4 reels simultaneously.
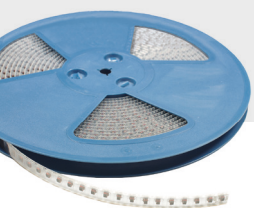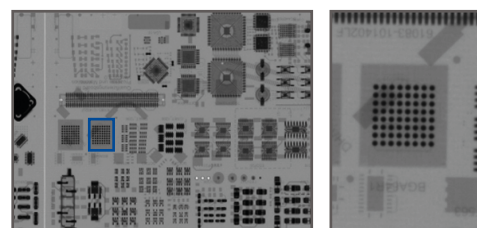
THIS DISTINGUISHES THE HAWKEYE2000:

- Simultaneous scanning of up to four reels
- Fast scanning times: Counting results in 10 seconds
- Detection of different packs (reels, trays, etc.)
- High-quality flat panel X-ray detector
- Ergonomic front operation
- Small footprint
- User-friendly operating software
- SmartCamera function: Automatic detection of the reel ID by the system, no scanning necessary

HIGHLIGHT:
AUTOMATIC REEL DETECTION

The reels are registered when they are removed and the corresponding labels are issued automatically.
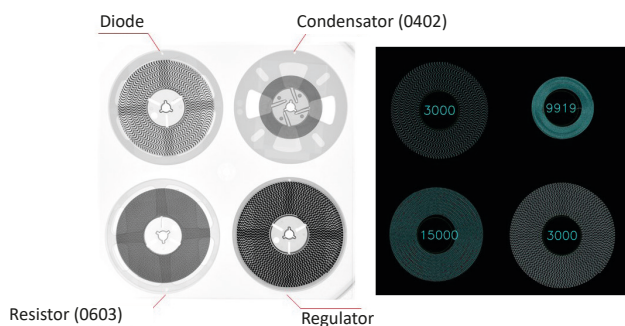
EXTRA TIP: The system can be used to carry out a simple inspection of assembled PCBs.

TECHNICAL INFORMATION

X-ray tube	kV range:	55kV, 110W
	mA range:	0 - 2mA
X-ray detector	Type:	Flat Panel
	Size:	430 x 430mm
	Resolution:	9,6 MP
Features	Inspection time:	approx. 10 seconds
	Scans up to 4 reels simultaneously	
Weight	approx. 670kg	
Measurement (WxLxH)	approx. 930 x 1325 x 1950mm	
Manipulator	1 axis	
Operating System	Windows 11	

Touchscreen

Label printer

HAWKEYE2000

Barcode Scanner

Input/ Removal

Diode   Condensator (0402)

Resistor (0603)   Regulator

ERP/MES-CONNECTION:
We are happy to implement the connection of the HAWKEYE2000 to your higher-level system!

COMPONENT COUNTING IN 4 EASY STEPS

1

Insert reel
First scan the barcode of the reel you want to count and place the reel in the HAWKEYE.

2

Start counting
One button is all you need to start the counting process.

3

Image generation
An X-ray image is taken and the counting result is calculated.

4

Full traceability
A new label is created and a connection to the ERP system is established.

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