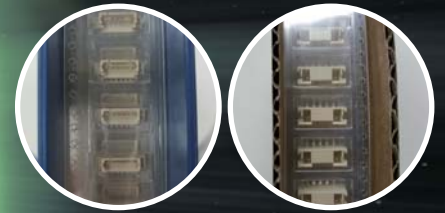# SG-RIT05
Tape-Reel Vision Inspection Machine

Downward CCD for top side inspecting

Upward CCD for bottom side inspecting

Vision Inspection System for devices or components

Introduction

SG-RIT05 is the new generation automated reel to reel system for analyzing variety IC devices or components after taping. With twin high performance CCDs technology, the system optimizes visual mark inspection, pin lead detection and sealing quality. Depending on the configuration to the package type, the throughout goes up to 50K UPH.

Vision Inspection Capabilities	Vision Repeatability Accuracy	30 um(Camera Resolution 1600x1200, 2M pixels)
	Mark Inspection	Missing, Incomplete, Incorrect, Reverse, Orientation
	Sealing Inspection	Broken Seal, Non-Seal, Thinning Seal
	Damaged Devices	Chipped off, Cracked >1.5mm
	Others	Counter, Empty Pocket, Unit Overturned, Unit Out of Pocket
	Tape Width	Conversion between 8mm to 44mm carrier tape width (Optional ring-light will be requested for tape width >12mm)
Features	Throughput	Up to 50,000 units UPH(Based on 8mm width and 4mm pitch package type)
	Support Package	Reel Input to Reel Output

Specifications

- N.W.: 145kgs
- G.W.: 250kgs
- Dimension: 90cmx143cmx140cm
- Shipping Dimension: 115cmx95cmx165cm
- Power required: 220V/10A input

SYSTEM GENERAL

CE