

OMRON VT-S Series

is Revolutionizing Inspection Processes with AI

Reduction of program setting time

Achieving Consistent Inspection Without Reliance on Experts

Improvement of inspection performance

OMRON AI

VT-S10 Series

Smartly solving inspection process challenges with AI.

AI Auto Program

- Approximately **70% reduction** in inspection program development workload
- Achieving Rapid Ramp-Up of Inspection Processes

1. Auto Window Setting

Before

Part type selection
Knowledge of mounted components is required

Land setting
Requires expertise in packaging components and AOI imaging

Electrode setting
AOI Imaging needs to be familiar

After

Automatic Parts Register by One Click

2. Automatic Parameter Setting

Before

Needs to be adjusted according to actual conditions

Window position and size

Frame value of fillets

Color of feature parameter extraction

After

Based on a wealth of good information
Apply algorithm and set automatically according to actual conditions

Parameter learning algorithm

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